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92-783

DEPARTMENT OF DEFENSE
APPROPRIATIONS BILL, 1987
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REPORT

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OF THE

COMMITTEE ON APPROPRIATIONS

together with

DISSENTING VIEWS

[To accompany H.R. 5482]



AUGUST 14, 1986.—Committed to the Committee of the Whole House on
the State of the Union and ordered to be printed

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CONTENTS

Appropriations and budget estimates.....	Page 1
Summary of committee recommendations.....	4
Committee budget review process.....	4
Fraud, waste, and abuse.....	4
Program highlights.....	5
Military personnel.....	5
Operation and maintenance.....	5
Procurement.....	6
Research, development, test, and evaluation.....	6
Unexpended and unobligated balances.....	6
Reprogramming actions applicable to the Department of Defense appropriation acts.....	8
Relationship with budget offices.....	9
Guard and Reserve Forces.....	9
Summary.....	9
Air combat maneuvering instrumentation ranges.....	11
C-12 aircraft.....	11
P-3C antisubmarine warfare patrol aircraft (Orion).....	11
Reserve components full-time support strengths.....	12
Unit and individual training.....	13
Individual Ready Reserve mobilization test.....	13
Army Reserve special training.....	14
Army Reserve Senior ROTC Nonscholarship Program.....	14
Navy Reserve school training.....	14
Navy Reserve special training.....	14
Navy Reserve and Marine Corps PCS moves.....	14
Army National Guard school training.....	14
Army National Guard special training.....	15
Army Reserve ADP.....	15
Navy Reserve base operations support.....	15
Navy Reserve steaming hours.....	15
Army National Guard training support.....	16
Standard Army multicommand management information system.....	16
Army Guard ADP.....	16
Air National Guard—304th Aerospace Rescue and Recovery Squadron.....	16
Management of automatic data processing systems.....	17
OSD oversight.....	17
Central design activities.....	17
Navy CAD/CAM technology.....	17
Major automated information systems.....	18
ADP equipment management fund.....	18
Air Force Logistics Command modernization.....	18
Medical systems.....	18
Composite health care system.....	19
Computer aided logistics support (CALS).....	19
Intelligence and intelligence related activities.....	20
Committee's oversight function.....	20
National Foreign Intelligence Program.....	20
Nicaraguan democratic resistance.....	20
Tactical intelligence and related activities programs.....	20
Physical security.....	21
Special operation forces.....	21
Transfer of special operations rotary wing mission.....	21
Departmental support.....	22

	Page
Forces to be supported	22
Department of the Army	22
Department of the Navy	23
Department of the Air Force	23
Title I. Military personnel	25
Programs and activities funded by military personnel appropriations	25
Summary of military personnel recommendation for fiscal year 1987	25
Overall active end strength	26
Overall selected Reserve end strength	26
Active duty military personnel	27
End strength	27
Enlisted to officer ratio	27
Enlistment bonuses	27
Selective reenlistment bonus	28
Variable housing allowance inflation	28
Permanent change of station	28
Inflation	28
Sixth Infantry Division	29
Anniversary SRB's	29
Average strength shortfall	29
Average grade increase	29
Initial SRB	29
Active duty personnel support	30
Recruiting and advertising	30
Training	31
Remote education	31
Enhanced skill training	31
Reception center	31
Army training	31
Officer acquisition	31
Specialized skill training	32
Relocatable over-the-horizon radar (ROTHR)	32
Training/funding realignment	32
Flight training	32
Other personnel activities	32
Navy training	32
Training support activities	33
Air Force Institute of Technology	33
Space training	33
6594th Test Group	33
Air Force training	33
Military personnel, Army	33
Military personnel, Navy	34
Military personnel, Marine Corps	34
Military personnel, Air Force	35
Reserve personnel, Army	35
Reserve personnel, Navy	36
Reserve personnel, Marine Corps	36
Reserve personnel, Air Force	37
National Guard personnel, Army	37
National Guard personnel, Air Force	37
Title II. Operation and maintenance	39
Estimates and appropriation summary	39
Authorization requirements	39
Stock fund fuel refund	40
Industrial fund refund	40
Inflation estimates	41
Foreign national employees compensation	41
Public affairs	42
1984 stock fund accounting change	42
Appropriated fund support of MWR activities	42
Improper use of appropriated funds	43
Increasing appropriated fund support of MWR activities	43
Committee direction	44
Military health care	44
Funding	44
CHAMPUS reform	45
CHAMPUS—Medicare link	46

Title II. Operation and maintenance—Continued

	Page
Military health care—Continued	
Medical readiness	47
Quality of care	48
Funding for drug and alcohol abuse	48
Hospital ships	49
Uniformed services treatment facilities (USTFs)	49
Dependent dental care	49
Civilian manpower	49
Productivity enhancements	51
Productivity enhancing capital investments	52
Travel	53
Average flying hours	54
Foreign currency fluctuation account	54
Printing and duplicating services	56
Surplus fund/M account balances	57
Legislative liaison activities	59
Anti-skid surface coverings	59
Energy issues	60
Conversion/replacement of heating plants at U.S. facilities in Europe	60
Conversion of domestic military facilities to coal-burning steam plants	60
Purchase of utilities	61
Defense cooperation with oil exploration	61
Training and other personnel support	61
Guard and Reserve O&M issues	61
Classified programs	62
Report on military situation in Korea	62
Operation and maintenance, Army	64
Depot maintenance of communications—electronics equipment	66
Army ADP	66
Equipment modernization program	67
Wartime host nation support	67
Commissary transportation	67
Contractor technical support	67
Engineer support	67
Army RDT&E operations	67
OB/GYN care	68
Frozen blood program	68
Reserve over-40 examinations	68
Operation and maintenance, Navy	68
Public/private ship overhaul competition	69
Overseas ship repair work	70
Fairness in ship repair competition	70
Navy ADP	70
Ready reserve fleet	70
Overhaul advance planning	71
Air training flying hours	71
New ship deliveries	71
Service craft maintenance	71
SEASTRAT hardware	72
Exercise airlift support	72
Cruise missile engineering support	72
Poseidon submarine dismantling	72
Navy TACAIR flying hours	72
Relocatable over-the-horizon radar	73
Naval space surveillance system	73
Battleship Texas	73
Operation and maintenance, Marine Corps	73
New construction equipment	74
MPS contractor maintenance	74
MPS biennial maintenance cycle (BMC)	74
MPS training exercises	74
Operation and maintenance, Air Force	75
Air Force ADP	76
Flight charges for DOD shuttle missions	76
Vandenberg shuttle launch site	77

Title II. Operation and maintenance—Continued

	Page
Operation and maintenance, Air Force—Continued	
Other shuttle support costs	78
Satellite early warning system	78
AMRAAM ICS	78
Procurement operations civilian manpower	79
Operational support aircraft	79
T-33 replacement	79
Historians	80
Titan missile	80
SAC dormitory upgrade	80
COMPASS CALL	81
Minuteman sustaining engineering	81
Strategic forces—BOS tail	81
Surveillance and warning radars	81
Space track support	81
TR-1 program	82
TAF management headquarters	82
CSOC	82
REDCOM command post upgrade	82
Tactical command and control systems	82
Industrial preparedness	82
FTS charges for recruiting	83
TAF base and command C	83
F-4/F-16 flying hours	83
KC-135 flying hours	83
B-52 flying hours	84
PLSS	84
6594th Test Group	84
Air Force technical support	85
Operation and maintenance, defense agencies	85
Defense Communications Agency	86
Department of Defense dependents schools	86
Teacher aides	87
Advanced funding	87
Defense Contract Audit Agency	87
DOD Inspector General	88
Defense Logistics Agency	88
Defense agencies general reductions	88
Defense Mapping Agency	89
Operation and maintenance, Army Reserve	89
Operation and maintenance, Navy Reserve	90
Operation and maintenance, Marine Corps Reserve	90
Operation and maintenance, Air Force Reserve	91
Operation and maintenance, Army National Guard	92
Operation and maintenance, Air National Guard	92
National Board for the Promotion of Rifle Practice, Army	93
Military health care	94
Claims, defense	94
Payment of Property Claims Arising from Detonation of Army Bombs	95
Court of Military Appeals, defense	95
Tenth International Pan American Games	96
Environmental restoration, Defense	96
Twin Cities Army ammunition plant	97
Humanitarian assistance	97
Title III. Procurement	99
Estimates and appropriation summary	99
Fiscal year 1987 inflation adjustment	101
Nondevelopment item procurement	101
Controllability of procurement accounts	102
Government furnished equipment	102
New starts in modification programs	103
Budget justification material for modifications	103
General reductions in other procurement, Navy	103
Army command and control system	104
Depleted uranium penetrators	104
Domestic ball bearing industry	104
Camouflage screen system	104

Title III. Procurement—Continued

Socially and economically disadvantaged businesses and historically black colleges and universities	105
9mm handgun procurement	105
Aircraft procurement, Army	106
Program recommended	106
Committee recommendations	108
Authorization changes	108
Transfers	108
Aircraft	108
AH-64 Apache attack helicopter	108
UH-60 Black Hawk utility helicopter	109
UH-60 Black Hawk helicopter advance procurement	109
Modification of aircraft	109
OV-10 Mohawk modifications	109
Air-to-air Stinger modifications	109
Aircraft survivability equipment—close combat	109
Special Operations Forces modifications	110
Ground proximity warning system	110
Support equipment and facilities	110
Synthetic flight training systems	110
Inflation adjustment	110
Missile procurement, Army	110
Program recommended	111
Committee recommendations	113
Authorization changes	113
Chaparral	113
Patriot	113
Patriot Generator Sets	114
Stinger	114
Stinger advance procurement	114
TOW II	115
Multiple launch rocket system	115
Modification of missiles	116
Patriot modifications	116
Hawk modifications	116
Inflation adjustment	116
Procurement of weapons and tracked combat vehicles, Army	116
Program recommended	117
Committee recommendations	119
Authorization changes	119
Tracked combat vehicles	119
Field artillery ammunition support vehicle	119
M88 recovery vehicle	119
M-1 tank advance procurement	119
Modification of tracked combat vehicles	120
M109 155mm self-propelled howitzer modifications	120
M-1 tank modifications	120
M119 105mm howitzer	120
81mm mortar	120
Support equipment and facilities	120
Cannon tube forgings for surge	120
Inflation adjustment	121
Procurement of ammunition, Army	121
Program recommended	121
The domestic ammunition production base	124
Training ammunition	124
Committee recommendations	125
Authorization changes	125
Ammunition	126
Civilian Marksmanship Program	126
M483 155mm improved conventional munition	126
105mm HEAT	127
155mm basebleed	127
GB-2 155mm binary chemical projectile	127
155mm red bag prop charge M203	128
155mm red bag prop charge M119	128
Volcano mine and canister	128

VIII

Title III. Procurement—Continued

Procurement of ammunition, Army—Continued

Program recommended—Continued

Ammunition—Continued

	Page
AT-4 lightweight antiarmor system.....	128
Smoke screening grenade.....	128
Ammunition peculiar equipment.....	129
Explosives and propellants.....	129
General increase—ammunition.....	129
Ammunition production base support.....	129
Provision of industrial facilities production base modernization....	129
General increase—production base.....	130
Production base reprogramming.....	130
Inflation adjustment.....	130
Other procurement, Army.....	130
Program recommended.....	131
Committee recommendations.....	137
Authorization changes.....	137
Tactical and support vehicles.....	137
Army tactical wheeled vehicles.....	137
Requirements.....	138
Procurement strategy.....	139
Motorcycles.....	139
Five-ton trucks.....	139
Ten-ton trucks.....	139
Tactical vehicle modifications.....	139
Communications and electronic equipment.....	140
Modular record traffic terminal.....	140
Digital group multiplexer.....	140
Unit level circuit switch.....	140
Mobile subscriber equipment.....	140
Improved HF radio family.....	141
Pacific Command, control, and communications.....	141
Frequency module, KGV-10/TSEC.....	141
VIABLE.....	142
AMC ADP.....	142
Army data distribution system (ADDS).....	142
ADP equipment for nontactical management information systems.....	143
Supercomputers.....	143
Corporate data base.....	143
Fire support team digital message device.....	144
Maneuver control system.....	144
Commodity control standard system.....	144
Position azimuth determining system.....	144
Position location reporting system.....	145
Aquila remotely piloted vehicle.....	145
Spare and repair parts (TELECOM).....	145
Spare and repair parts (COMSEC).....	145
Other support equipment.....	145
Mask, protective, NBC.....	145
Ribbon Bridge Erection Boat Program.....	146
Dispenser mine.....	146
SWA petroleum distribution system.....	146
Deployable medical system.....	146
Tractor, full tracked, low speed.....	146
Reverse osmosis water purification units.....	147
Prior year program savings.....	147
Inflation adjustment.....	147
Aircraft procurement, Navy.....	147
Program recommended.....	147
Committee recommendations.....	150
Authorization changes.....	150
Combat aircraft.....	150
A-6E/F attack aircraft (Intruder).....	150
AV-8B V/STOL aircraft (Harrier).....	150
F-14A/D fighter aircraft (Tomcat).....	150
F/A-18 strike/fighter aircraft (Hornet).....	150

Title III. Procurement—Continued

Aircraft procurement, Navy—Continued

Combat aircraft—Continued

	Page
F/A-18 strike/fighter aircraft (Hornet) (advance procurement)	151
CH-53E helicopter (Super Stallion)	151
AH-1W attack helicopter (Sea Cobra)	151
SH-60F carrier variant helicopter	151
P-3C antisubmarine warfare patrol aircraft (Orion)	152
P-3C antisubmarine warfare patrol aircraft (Orion) (advance procurement)	152
E-2C early warning aircraft (Hawkeye)	152
SH-2F antisubmarine warfare helicopter (Seasprite)	152
Trainer aircraft	153
T-45 Goshawk (advance procurement)	153
Other aircraft	153
E-6A TACAMO aircraft	153
Modification of aircraft	153
Spares and repair parts	153
Aircraft support equipment	154
Inflation adjustment	154
Weapons procurement, Navy	154
Program recommended	154
Committee recommendations	157
Authorization changes	157
Other missiles	157
Strategic missiles	157
BGM-109 Tomahawk	157
Tactical missiles	157
AIM/RIM-7 Sparrow	157
AIM-9 Sidewinder	157
AIM-54C Phoenix	158
AIM-54C Phoenix (advance procurement)	158
AGM-84A Harpoon	158
Qualification of domestic source for MK-104 rocket nozzle	159
Laser Maverick	159
Other missile support	159
Ordnance support equipment	159
Torpedoes and related equipment	159
MK-48 ADCAP	159
MK-46 torpedo	159
MK-50 advance lightweight torpedo	160
Vertical launched ASROC	160
Modification of torpedoes and related equipment	160
MK-46 torpedo modification	160
Inflation adjustment	161
Shipbuilding and conversion, Navy	161
Program recommended	161
Committee recommendations	163
Authorization changes	163
Other warships	163
SSN-688 attack submarine	163
SSN-21 (advance procurement)	163
CG-47 AEGIS cruiser	163
DDG-51 destroyer	164
Mine warfare and patrol ships	164
MSH-coastal mine hunter	164
Auxiliaries, craft and prior year programs	165
T-AO fleet oiler	165
AOE fast combat support ship	166
Oceanographic research ship	166
Service craft	166
Landing craft	167
Strategic sealift	167
Sealift enhancement	167
Post delivery	167
Ship contract design	168
T-ACS Auxiliary crane ship	168
Inflation adjustment	168

Title III. Procurement—Continued	Page
Other procurement, Navy.....	168
Program recommended.....	169
Committee recommendations.....	175
Authorization changes.....	175
Ship support equipment.....	176
LM 2500 gas turbine.....	176
Steam Propulsion Improvement Program.....	176
Other propulsion equipment.....	176
Sealift support equipment.....	176
Naval special warfare equipment.....	177
Communications and electronics equipment.....	177
Integrated automatic detection and tracking system AN/SYS-	
().....	177
AN/SQS-53 (B).....	177
Sonar switches and transducers.....	177
AN/SIQ-25 (NIXIE).....	177
AN/SQR-17 acoustic processors.....	178
AN/SQR-18 towed array sonar.....	178
AN/SQR-19 towed array sonar.....	178
Carrier ASW module.....	178
Outboard.....	179
Navy tactical data system.....	179
Automatic carrier landing system.....	179
Microwave landing system.....	179
Fleet area control and surveillance facilities.....	179
Naval space surveillance system.....	179
Relocatable over-the-horizon radar (ROTHR).....	180
Shore LF/VLF communications.....	180
TSEC/KG-84.....	180
Aviation support equipment.....	180
Sonobuoy procurement.....	180
SSQ-58 DIFAR sonobuoy.....	181
SSQ-77 VLAD sonobuoy.....	181
Low cost sonobuoy.....	181
Rockeye.....	181
Bigeye.....	181
Weapons range support equipment.....	182
Aircraft rearming equipment.....	182
Airborne mine countermeasures.....	182
LAMPS MK-III shipboard equipment.....	182
Ordnance support equipment.....	182
Five Inch/54 ammunition.....	182
Close-in weapon system ammunition.....	182
Other ship gun ammunition.....	183
MK-92 fire control system upgrade—CORT.....	183
Vertical launch system.....	183
MK-116 fire control system.....	183
AN/SQQ-89 acoustic video processor.....	183
Quickstrike mine.....	184
Civil engineering support equipment.....	184
Amphibious equipment.....	184
Fleet hospitals.....	184
Personnel and Command Support Equipment.....	185
Navy ADP.....	185
Spares and repair parts.....	186
Prior year savings.....	186
General reduction.....	186
Inflation adjustment.....	187
Procurement, Marine Corps.....	187
Program recommended.....	187
Committee recommendations.....	191
Authorization changes.....	191
Ammunition.....	191
General increase.....	191
Ammunition budget format.....	191
Weapons and combat vehicles.....	192
AAV-7A1 Product Improvement Program.....	192

Title III. Procurement—Continued

Procurement, Marine Corps—Continued

Weapons and combat vehicles—Continued

Position azimuth determining system..... 192

Communications and electronics equipment..... 192

Unit level circuit switch..... 192

Support vehicles..... 192

Trailers..... 192

Prior year program savings..... 193

Inflation adjustment..... 193

Aircraft procurement, Air Force..... 193

Program recommended..... 194

Committee recommendations..... 196

Authorization changes..... 196

Budget justification material..... 197

Technical data..... 197

Combat aircraft..... 197

Strategic combat aircraft..... 197

B-1B bomber..... 197

Tactical combat aircraft..... 198

Air defense competition..... 198

F-16 aircraft..... 198

Other combat aircraft..... 199

KC-10..... 199

Airlift aircraft..... 199

C-5B..... 199

C-17..... 199

Trainer aircraft..... 200

T-46A..... 200

Other aircraft..... 200

TR-1/U-2..... 200

Modification of in-service aircraft..... 200

B-1B aircraft..... 200

B-52 aircraft..... 201

F-15 aircraft..... 201

CRAF..... 201

Spares and repair parts..... 201

Initial spares..... 201

Replenishment spares..... 202

War consumables..... 203

Other production charges..... 203

Prior year savings..... 203

Summary of transfers..... 204

Inflation adjustment..... 204

Missile procurement, Air Force..... 204

Program recommended..... 205

Committee recommendations..... 207

Authorization changes..... 207

Other missiles..... 208

Tactical missiles..... 208

AIM-9 Sidewinder..... 208

AMRAAM..... 208

Other support..... 208

Defense Support Program (DSP)..... 208

Defense Meteorological Satellite Program..... 208

Space Boosters..... 209

Special programs..... 209

Special update programs..... 209

Inflation adjustment..... 209

Other procurement, Air Force..... 209

Program recommended..... 210

Committee recommendations..... 215

Authorization changes..... 215

Munitions and associated equipment..... 216

BSU-49 inflatable retarder..... 216

GBU-15..... 216

81mm mortar..... 216

Electronics and telecommunications equipment..... 217

Title III. Procurement—Continued

Other procurement, Air Force—Continued

Electronics and telecommunications equipment—Continued

TACAN antennas.....	21
Weather observation-forecast.....	21
Defense support program.....	21
OTH-B radar.....	21
PAVE PAWS.....	21
MARS USAF/FAA radar upgrade.....	21
Automatic data processing equipment.....	21
Weapons storage-security.....	21
Joint surveillance system.....	21
Joint tactical communications program.....	21
Minimum essential emergency communications network.....	21
Anti-jam voice modifications.....	21
Other base maintenance and support equipment.....	21
Chemical Biological Defense Program.....	21
Medical-dental equipment.....	21
Prior year savings.....	22
Inflation adjustment.....	22
National Guard and Reserve equipment.....	22
Program recommended.....	22
Procurement, defense agencies.....	22
Program recommended.....	22
DLA ADP.....	22
Classified programs.....	22
Inflation adjustment.....	22
Defense Production Act purchases.....	22
Title IV. Research, development, test and evaluation.....	22
Estimates and appropriation summary.....	22
Antiarmor programs.....	22
University research initiatives.....	22
National aerospace plane.....	22
Independent research and development.....	22
Bid and proposal.....	22
Advanced semiconductor research.....	22
Cooperative DOD/VA medical research.....	22
Research, development, test and evaluation, Army.....	22
Authorization changes.....	22
Committee recommendations.....	22
Program funding adjustments.....	22
Aircraft powerplants and propulsion.....	22
Rotary wing controls/rotors/structures.....	22
Terminally guided projectiles.....	22
Missile and rocket components.....	22
Combat vehicle turret and chassis subsystems.....	22
Combat vehicle armor/antiarmor.....	22
Special purpose detectors.....	22
Surface-to-surface missile rocket system.....	22
Weapons and ammunition.....	22
Advanced antitank weapon system-medium.....	22
Landmine warfare/barrier systems.....	22
Lethal chemical munitions concepts.....	22
Landmine and barrier systems.....	22
Artillery and mortar ammunition.....	22
Advanced attack helicopter.....	22
Mobility.....	22
Infantry support weapons.....	22
Countermines and barriers.....	22
Field artillery ammunition.....	22
Remotely piloted vehicles.....	22
Infrared terminally guided submunition.....	22
Equipment upgrade.....	22
Advanced field artillery tactical data system.....	22
Mapping and geodesy.....	22
Joint Tactical Fusion Program.....	22
Program-wide activities.....	22
AMC major ranges and test facilities.....	22

XIII

Title IV. Research, development, test and evaluation—Continued

Research, development, test and evaluation, Army—Continued

Program funding adjustments—Continued

Joint Tactical Fusion Program—Continued

Real property maintenance.....

Base operations 238

Helicopter air-to-air missile 238

Stinger system safeguard 239

Fiber optics guided missile 239

Protective masks 240

Industrial preparedness 240

Classified programs 240

Program summary 240

Research, development, test and evaluation, Navy 245

Authorization changes 245

Committee recommendations 247

Program funding adjustments 247

Unpriced contracts 248

Antisubmarine warfare program management 249

ASW master plan and investment strategy 249

ASW test and evaluation capability 249

Staffing levels at submarine combat systems program offices 249

Low-priority programs 250

Accounting changes 250

Hypersonic wide area defense missile 250

Racer 251

Submarine hull array development 251

Naval space surveillance system 251

Navy space systems activity, Los Angeles 251

Navy strategic communications 251

T-45 training system 252

Airborne life support systems 252

Standoff land attack missile 252

Surface ship torpedo defense 253

Shipboard damage control 253

Physical security (Advanced) 253

Low cost seeker 253

Whitehall quick reaction surveillance system 254

Tactical nuclear weapon development 255

Acoustic search sensors (engineering) 255

EW simulator development 255

V-22 Osprey 256

Sea Lance ASW standoff weapon 256

AAM systems engineering 256

SSN-688 VLS 256

Submarine combat systems 257

SSN-21 attack submarine 257

Submarine tactical warfare systems 258

Ada implementation plan 258

Unguided conventional air-launched weapons 258

MK-50 advanced lightweight torpedo 259

Marine Corps ground combat/support arms (engineering) 259

Lightweight battlefield surveillance radar 259

Marine Corps C³ systems (engineering) 259

Marine Corps telecommunications 260

Marine Corps ground combat/support arms 260

Relocatable over-the-horizon radar (ROTHR) 260

Environmental protection 261

RDT&E ship and aircraft support 261

International RDT&E 261

Test and evaluation support 262

Manufacturing technology 262

Modern casting technology 262

Laser articulating robotic system 262

Integrated platform communications development 262

Classified programs 263

Program summary 263

Research, development, test and evaluation, Air Force 270

XIV

Title IV. Research, development, test and evaluation—Continued	
Research, development, test and evaluation, Air Force—Continued	
Authorization changes.....	270
Committee recommendations.....	273
Program funding adjustments.....	273
NCMC-space defense systems.....	273
Integrated operational NUDET detection system (IONDS).....	273
ICBM silo hardening.....	274
Low cost seeker.....	274
C-17.....	274
Wide area antiarmor munition.....	274
Precision location strike system (PLSS).....	274
Tactical air control system.....	274
Advanced communication system.....	275
I-S/A AMPE system.....	275
Consolidated space operations center.....	275
Space shuttle operations.....	276
Classified programs.....	276
A-7 strike fighter.....	276
Acquisition and command support.....	276
Test and evaluation support.....	276
Real property maintenance.....	276
Base operations.....	276
Program summary.....	277
Research, development, test and evaluation, defense agencies.....	283
Authorization changes.....	283
Committee recommendations.....	283
Program funding adjustments.....	283
Strategic technology.....	284
Long-range interceptor experiment.....	284
Materials processing technology.....	284
Tactical technology.....	284
Nuclear monitoring.....	284
Defense Nuclear Agency.....	285
Strategic defense initiative.....	285
SDI annual report to the Congress.....	286
SDI funding for nonresearch activities.....	286
SDIO public affairs office.....	286
Use of RDT&E funding for military construction and operation and maintenance activities.....	286
SDI Funding for the National Aerospace Plane.....	287
SDI Civil Applications Initiative.....	287
Federally Funded Research and Development, Center for the Strategic Defense Initiative.....	287
Experimental Evaluation of Major Innovative Technologies.....	288
CINC Command and Control Initiatives.....	288
DCA Long Haul Communications.....	288
SDI Headquarters Management.....	289
Industrial Preparedness.....	289
Foreign Materials Acquisition and Exploitation.....	289
Classified Programs.....	289
Program Summary.....	290
Developmental Test and Evaluation, Defense.....	293
Committee recommendations.....	293
NATO cooperative development testing.....	293
Test and evaluation.....	293
Operational Test and Evaluation, Defense.....	294
Title V. Special Foreign Currency Program.....	295
Title VI. Revolving and management funds.....	295
Stock funds.....	295
Army stock fund.....	296
Navy stock fund.....	296
Marine Corps stock fund.....	296
Air Force stock fund.....	296
Defense stock fund.....	296
Title VII. Chemical agents and munitions destruction, defense.....	298
Committee recommendations.....	298

	Page
Title VIII. Related agencies.....	300
Intelligence community staff.....	300
Central Intelligence Agency retirement and disability system fund.....	300
Title IX. General provisions.....	301
Consulting services.....	301
Heating facilities in Europe.....	301
Legislative liaison activities.....	301
Transfer of funds.....	301
Public affairs activities.....	302
Multiyear procurement contracts.....	302
POMCUS sets 5 and 6.....	302
Advanced technology bomber.....	302
Purchase of coal or coke from foreign nationals.....	302
Executive schedule positions.....	303
Reserve/Guard technicians.....	303
Civilian personnel ceilings.....	303
Transfer of working capital funds.....	303
Nicaraguan democratic resistance.....	303
18 month limitation on leases.....	303
Fort DeRussy.....	303
Unemployment compensation benefits.....	303
Floating storage for petroleum and petroleum products.....	303
Civil Air Patrol (CAP).....	304
Foreign selling costs.....	304
NATO conventional capability.....	304
Labor surplus areas.....	304
DPSC, Philadelphia.....	304
Enlistment bonus/educational assistance.....	304
Joint tactical missile system (JTACMS).....	304
Permanent change of station.....	304
BAQ/saved pay.....	305
Most efficient organizational analysis.....	305
C-12 aircraft.....	305
120mm mortar.....	305
Dependent student travel.....	305
Interport differential.....	305
SDI contracts.....	305
Organotin paint.....	305
Coal-domestic military facilities.....	305
Obligation limitation.....	306
Depleted uranium component.....	306
DOD/VA cooperative research.....	306
Productivity-based incentive awards.....	306
Foreign currency fluctuations, defense.....	306
Army depot maintenance.....	306
National defense stockpile.....	306
Poseidon submarines.....	307
Variable housing allowance inflation rate.....	307
Prohibition on contracting certain activities.....	307
Automatic data processing.....	307
Coastal defense augmentation.....	308
Ship repair overseas.....	308
Payment date for military pay and allowances.....	308
Nuclear testing.....	308
Interim restraint policy (SALT II).....	308
Space Defense Systems.....	309
Chemical weapons.....	309
Copperhead projectile.....	309
Strategic Defense Initiative Institute.....	309
9mm handguns.....	309
Purchase of utilities.....	309
House of Representatives report requirements.....	310
Changes in application of existing law.....	310
Appropriation language.....	310
General provisions.....	311
Compliance with Rule XIII, Clause 3.....	313
Inflationary impact statement.....	314
Transfer of funds.....	314

	Page
House of Representatives report requirements—Continued	
Comparison with budget resolution.....	316
Five-year projections.....	316
Financial assistance to State and local governments.....	316
Dissenting views of Congressman Steny H. Hoyer.....	317
Comparative statement of new budget (obligational) authority for fiscal year 1986 and budget estimates and amounts recommended in the bill for fiscal year 1987.....	320

DEPARTMENT OF DEFENSE APPROPRIATIONS BILL, 1987

AUGUST 14, 1986.—Committed to the Committee of the Whole House on the State of the Union and ordered to be printed

Mr. CHAPPELL, from the Committee on Appropriations,
submitted the following

REPORT

together with

DISSENTING VIEWS

[To accompany H.R. 5438]

The Committee on Appropriations submits the following report in explanation of the accompanying bill making appropriations for the Department of Defense, and for other purposes, for the fiscal year ending September 30, 1987.

APPROPRIATIONS AND BUDGET ESTIMATES

Appropriations for most military functions of the Department of Defense are provided for in the accompanying bill for the fiscal year 1987. This bill does not provide for military construction, military family housing, civil defense, or nuclear warheads, for which requirements are considered in connection with other appropriations bills.

The new budget (obligational) authority enacted for the fiscal year 1986, the President's budget estimates, and amounts recommended by the Committee for the fiscal year 1987 appear in summary form in the following table:

(1)

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR FISCAL YEAR 1986 AND BUDGET ESTIMATES AND AMOUNTS RECOMMENDED IN THE BILL FOR FISCAL YEAR 1987—

Agency and item	Bill compared with—			
	New budget (obligational) authority, fiscal year 1986	Budget estimates of new (obligational) authority, fiscal year 1987	New budget (obligational) authority recommended in bill	New budget (obligational) authority, fiscal year 1986
RECAPITULATION				
Title I - Military Personnel.....	67,671,336,000	74,202,900,000	72,404,112,000	4,732,176,000
Title II - Operation and Maintenance.....	74,819,297,000	85,773,000,000	78,109,862,000	-1,798,788,000
Title III - Procurement.....	92,607,981,000	95,656,700,000	79,455,530,000	-16,201,170,000
(Transfer from other accounts).....	(345,400,000)	---	(2,520,037,000)	-2,174,637,000
Title IV - Research, Development, Test, and Evaluation (Transfer from other accounts).....	33,607,192,000	41,929,900,000	33,956,074,000	-7,973,826,000
(Transfer from other accounts).....	(316,286,000)	---	(144,573,000)	-172,313,000
Title V - Special foreign currency program.....	1,997,000	3,500,000	3,500,000	1,503,000
Title VI - Revolving and management funds.....	1,654,495,000	1,197,300,000	908,300,000	-746,395,000
Title VII - Chemical Agents and Munitions Destruction, Defense.....	---	120,100,000	120,100,000	---
Title VIII - Related agencies.....	122,401,000	146,738,000	147,338,000	24,937,000
Title IX - General provisions (additional transfer authority, sec. 9015).....	(950,000,000)	(1,200,000,000)	(1,200,000,000)	(+250,000,000)
Total, Department of Defense (DDA).....	270,484,499,000	299,032,138,000	265,104,816,000	-3,379,683,000
(Transfer from other accounts).....	(662,286,000)	---	(2,664,600,000)	(+2,002,314,000)
Total funding available.....	271,146,785,000	299,032,138,000	267,749,416,000	-3,377,369,000
(Transfer authority).....	(950,000,000)	(1,200,000,000)	(1,200,000,000)	(+250,000,000)
Total, Department of Defense (DDA).....	---	---	---	---
(Transfer from other accounts).....	---	---	---	---
Total funding available.....	---	---	---	---
(Transfer authority).....	---	---	---	---

Distribution by organizational component:

Army.....	69,432,015,000	76,920,500,000	70,184,418,000	+752,403,000	-6,736,882,000
(Transfer from other accounts).....	---	---	(399,181,000)	(199,181,000)	(1,596,185,000)
Navy.....	91,990,537,000	100,890,000,000	89,046,333,000	-2,943,994,000	-11,943,467,000
(Transfer from other accounts).....	---	---	(1,369,804,000)	(1,369,804,000)	(11,573,663,000)
Air Force.....	91,932,182,000	101,641,100,000	88,040,975,000	-3,891,207,000	-11,891,125,000
(Transfer from other accounts).....	---	---	(869,111,000)	(206,835,000)	(1,075,946,000)
Defense Agencies/OSD.....	(662,286,000)	---	---	---	---
(Transfer from other accounts).....	---	---	---	---	---
Reserve & National Guard (procurement).....	18,537,816,000	19,309,760,000	16,806,384,000	-1,731,476,000	-2,731,476,000
Chemical Agents and Munitions Destruction.....	---	---	(33,500,000)	(33,500,000)	(33,500,000)
Defense.....	1,469,538,000	---	752,048,000	-717,490,000	+752,048,000
Related agencies.....	---	---	---	---	---
Total, Department of Defense (NOA).....	122,401,000	120,100,000	120,100,000	---	---
(Transfer from other accounts).....	---	---	---	---	---
Total funding available.....	270,484,499,000	299,032,138,000	265,104,816,000	-5,379,683,000	-33,927,322,000
(Transfer authority).....	(662,286,000)	---	(2,664,600,000)	(2,664,600,000)	(2,664,600,000)
Total.....	271,146,785,000	299,032,138,000	267,769,416,000	-3,377,369,000	-31,262,712,000
(Transfer authority).....	(950,000,000)	(1,200,000,000)	(1,200,000,000)	(250,000,000)	(250,000,000)

1/ Represents appropriations after Gramm-Rudman-Hollings reductions and includes amounts in "Urgent Supplemental Appropriations Act, 1986."

2/ Submitted in the budget request as a line item in Title III--Procurement.

SUMMARY OF COMMITTEE RECOMMENDATIONS

The budget estimates for fiscal year 1987 for activities of the Department of Defense and related agencies total \$299,032,138,000. The amounts recommended by the Committee in the accompanying bill total \$265,104,816,000 in new budget (obligational) authority and \$2,664,600,000 in transfers from other accounts resulting in total obligational authority of \$267,769,416,000. The total obligational authority recommended is \$31,262,722,000 below the budget estimates and is \$3,377,369,000 below the sums made available for the same purposes for fiscal year 1986, after adjustments required by the Balanced Budget and Emergency Deficit Control Act of 1985.

The Committee has made every effort to avoid reductions in the nation's defense readiness while recognizing the need to reduce federal expenditures in all areas in order to reduce the large deficits facing the federal government. The reductions in the Military Personnel and Operation and Maintenance appropriations result from mandated authorization reductions, reductions in areas where funds were requested in excess of requirements and reductions in non-readiness programs. The Committee believes that the sums made available to the Defense Department over the past six or seven years together with the amounts recommended in the accompanying bill are quite adequate to continue to support our national defense requirements.

COMMITTEE BUDGET REVIEW PROCESS

During the regular review of the fiscal year 1987 budget, the Subcommittee held hearings on 23 days. These hearings commenced on February 18, 1986, and concluded May 1, 1986. Testimony received by the Subcommittee totaled approximately 4,200 pages of transcript, including approximately 100 pages of hearings on various fiscal year 1986 reprogrammings.

Of the total, some 800 pages were not printed due to the security classification of the material discussed. Approximately 3,400 transcript pages were printed and released in eight volumes totalling 6,400 printed pages. Almost 33 percent of the hearings were held in open session. Executive or closed sessions were held only when the security classification of the material to be discussed presented no alternative.

FRAUD, WASTE, AND ABUSE

The Committee continues to be concerned over the issues of fraud, waste, and abuse in Department of Defense operations. Over the years, the Committee has had a continuing investigation in process concerning the procurement policies and practices and other activities of the Department of Defense. The findings have generally been made available to the Department for correction of deficiencies and for further investigations, if warranted. In February, 1981, the Committee again requested its investigative staff to conduct a major investigation of the procurement practices of the Defense Department which revealed many areas of waste and abuse and these studies were provided to the Department and

printed in the public record. The Committee has had reports from the Department that corrections have been made but procurement abuses continue to surface. This deeply concerns the Committee because constant and continued oversight must be maintained over procurement policies and other Department activities in order to minimize the waste in all areas of defense.

The Committee does note that statistics from the Department indicate an increase in the number of audits and investigations conducted by defense organizations and in potential savings resulting from improvements in military procurement and in increased management attention given to all these issues.

The Committee has provided adequate funding to increase the Department's audits, investigations and quality assurance procedures aimed at improving the operations of the Defense Department. The Department is urged to review its present policies and practices and to make such changes as may be necessary to insure against waste and abuse within the defense establishment. The Committee directs the Department to keep it informed and up to date on all developments, improvements, problems and recommended changes in this area.

PROGRAM HIGHLIGHTS

MILITARY PERSONNEL

The Committee's recommended adjustments provide a net reduction of \$1.8 billion. The Committee's reductions are largely based on recommendations made by the House Armed Services Committee during consideration of the fiscal year 1987 Department of Defense budget request.

Funding was provided for an authorized active duty end strength of 2,169,370, which is 11,730 less than the Department requested. Funding was also provided for for a 1,174,088 selected reserve end strength, 12,112 less than requested.

OPERATION AND MAINTENANCE

The Committee's recommended adjustments fall into three major categories, which result in a net reduction of approximately \$7.7 billion. The Committee attempted to make reductions in the Operation and Maintenance accounts which would have minimal impacts on readiness of our forces and would not place them below 1986 levels. Considering that fuel prices are over \$3 billion less in fiscal year 1987 than in fiscal year 1986, the Committee's recommended amounts will hold fiscal year 1987 funds at approximately the fiscal year 1986 levels.

The first major adjustment is a reduction of \$4.5 billion as a result of pricing adjustments such as reduced fuel prices, lower than anticipated inflation, increases in competition and improvements in the Department's acquisition process. The Department has testified to the Committee on numerous occasions that these types of pricing adjustments have little or no impact on Defense programs.

The second major adjustment is a \$1.0 billion reduction resulting from programs or funds which failed to be authorized in the 1987 Defense Authorization Act.

The final major adjustment is a reduction of \$2.2 billion resulting from those programs the Committee believes are unnecessary, duplicative, or are not properly funded.

PROCUREMENT

Procurement of 120 AH-64 Apache helicopter gunships, 78 UH-60 Black Hawk utility helicopters, 593 Bradley Fighting Vehicles, 700 Patriot missiles, and 840 M1 tanks for the Army.

Procurement of 84 F/A-18 aircraft, 15 F-14 aircraft, 42 AV-8B aircraft, 50 MK-48 ADCAP torpedoes, and 500 MK-46 torpedoes for the Navy and Marine Corps.

Construction of 1 Trident submarine, 4 SSN-688 nuclear powered attack submarines, 2 CG-47 AEGIS cruisers, and 3 DDG-51 destroyers for the Navy.

Procurement of 36 F-15 aircraft, 180 F-16 aircraft, 8 KC-10 aircraft, 21 C-5B aircraft, 12 T-46 aircraft, 5 MC-130H aircraft, and 3 TR-1/U-2 aircraft for the Air Force. In addition, procurement of 50 KC-135 reengining modifications, 12 MX missiles, and 180 AMRAAM missiles.

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

Funded a total of \$825,507,000 for Defense Research Sciences.

Provided \$48,735,000 to continue development of a new medium anti-tank weapon.

Allowed \$60,000,000 for continued development of the Aquila RPV system.

Provided \$40,000,000 for the LHX program.

Funded development of the Trident II strategic missile system at \$1,500,000,000.

Provided \$340,000,000 to continue development of the tilt-rotor V-22 aircraft.

Allowed \$188,825,000 for continuation of Advanced Lightweight Torpedo development.

Funded ICBM Modernization at \$1,575,498,000.

Provided \$547,262,000 to continue development of the C-17 transport aircraft.

Allowed \$39,080,000 for Advanced Medium Range Air-to-Air Missile development.

Provided \$2,846,000,000 for the Strategic Defense Initiative.

Allowed \$143,980,000 for experimental evaluation of major innovative technologies.

UNEXPENDED AND UNOBLIGATED BALANCES

The following tables compare the unexpended and unobligated balances for the military functions of the Department of Defense over the past 27 years for both the entire Defense Budget and the accounts covered by the bill. The unobligated balances associated with the accounts are projected in the budget to increase between the end of the fiscal year 1985 and the end of fiscal year 1987 from

\$50.7 billion to \$51.9 billion. The unexpended balances at the end of fiscal year 1985 and the end of fiscal year 1987 are projected to increase from \$214.6 billion to \$266.7 billion.

UNOBLIGATED BALANCES, FISCAL YEARS 1961-87

(in millions of dollars)

Fiscal year	Total unobligated balance ¹	Pertaining to appropriations in the basic DOD appropriation bill
At the end of the fiscal year:		
1961	7,167	6,483
1962	7,120	6,584
1963	9,170	8,150
1964	9,961	9,008
1965	11,029	10,103
1966	13,854	11,830
1967	13,725	12,244
1968	13,494	11,666
1969	13,669	12,022
1970	13,565	11,966
1971	11,463	9,689
1972	10,203	8,319
1973	10,911	9,009
1974	13,393	11,131
1975	15,375	12,795
1976	18,655	15,697
1977	17,651	15,613
1978	18,531	16,772
1979	17,862	16,158
1980	19,369	17,750
1981	23,239	21,369
1982	31,354	28,025
1983	39,710	35,716
1984	47,817	43,617
1985	54,857	50,704
1986 estimate	53,246	49,674
1987 estimate	56,018	51,871

¹ Basic and military construction bills.

Note: Unobligated balances for revolving funds and trust funds are excluded from this table.

UNEXPENDED BALANCES, FISCAL YEARS 1961-87

(in millions of dollars)

Fiscal year	Total unexpended balance ¹	Pertaining to appropriations in the basic DOD appropriation bill
At the end of the fiscal year:		
1961	26,922	25,204
1962	27,301	25,705
1963	27,737	25,955
1964	27,560	25,905
1965	29,989	28,194
1966	30,540	28,441
1967	42,541	39,937
1968	43,225	40,111
1969	40,957	38,157
1970	37,394	35,755
1971	33,814	30,953
1972	33,829	30,614
1973	37,143	33,462

UNEXPENDED BALANCES, FISCAL YEARS 1961-87—Continued

(in millions of dollars)

Fiscal year	Total unexpended balance ¹	Pertaining to appropriations in the basic DOD appropriation bill
1974.....	40,569	36,522
1975.....	40,515	35,977
1976.....	47,539	42,964
1977.....	58,616	53,785
1978.....	69,125	64,632
1979.....	77,423	72,619
1980.....	84,118	79,658
1981.....	102,087	96,535
1982.....	129,855	122,075
1983.....	159,792	150,605
1984.....	190,409	180,218
1985.....	226,231	214,607
1986 estimate.....	244,332	231,822
1987 estimate.....	282,244	266,679

¹ Basic and military construction bills.

Note: Unexpended balances for revolving funds, trust funds and unfunded contract authority are excluded from this table. Effective with the fiscal year 1986 Budget, the Revised Pay, Defense appropriation was presented in the DOD-Civil Chapter. Therefore, fiscal year 1984 unexpended balances of \$40,512,000 in the Revised Pay, Defense Appropriation were not included in the DOD Military Chapter. The above table also excludes Revised Pay, Defense, starting in fiscal year 1984.

As shown above, an estimated \$231.8 billion balance of unexpended funds will be carried into fiscal year 1987 pertaining to the appropriation accounts provided for in the accompanying bill. Of this amount, about \$182.1 billion (unliquidated obligations) represents legally binding documents calling for ultimate cash payment such as contracts for ship, aircraft, or missile construction. Such major weapons systems are normally funded even though deliveries may not occur for 2 or 3 years in the case of capital ships.

Approximately \$49.7 billion of the carry-over (unobligated) balances represents amounts which are made available to fund approved programs, but which are not yet obligated in the technical legal sense. By and large these funds are committed to the programs for which initially appropriated awaiting the completion of the contracting or other legal prerequisites of obligations.

REPROGRAMMING ACTIONS APPLICABLE TO THE DEPARTMENT OF DEFENSE APPROPRIATION ACTS

Throughout the fiscal year, the Department of Defense is given authority to reprogram or transfer funds to programs considered by DOD to be of higher priority. As in any financial plan, funding requirements change during the fiscal year making it necessary to institute certain adjustments. While the Committee realizes a certain degree of flexibility is needed in any budget plan, it feels these reprogramming actions should be kept to an absolute minimum.

The reprogramming actions consist of reprogrammings requiring specific congressional approval, reprogrammings requiring congressional notification and reprogrammings able to be carried forth by the Department of Defense without congressional action or notification. As is reflected in the following table, in fiscal year 1985, a total of 945 reprogramming actions were implemented by the Department of Defense totalling some \$3,792,000,000.

REPROGRAMMING ACTIONS FOR FISCAL YEARS 1980-85

Fiscal year	Number of actions	Total amount (in millions)
1980:		
Requiring congressional action.....	69	\$1,161
Not requiring congressional action.....	973	1,004
1981:		
Requiring congressional action.....	47	788
Not requiring congressional action.....	1,309	1,400
1982:		
Requiring congressional action.....	60	1,303
Not requiring congressional action.....	1,597	2,399
1983:		
Requiring congressional action.....	85	2,275
Not requiring congressional action.....	1,020	1,706
1984:		
Requiring congressional action.....	87	1,335
Not requiring congressional action.....	1,112	1,791
1985:		
Requiring congressional action.....	169	1,711
Not requiring congressional action.....	876	2,081

* Excludes 6 actions totaling \$215 million which are awaiting congressional approval.

RELATIONSHIP WITH BUDGET OFFICES

Through the years, the Appropriations Committee has channeled most of its inquiries and requests for assistance through the budget offices or comptroller organizations of the Defense Department and military services. The Committee believes the natural affinity between these organizations and the Appropriations Committee makes such a relationship imperative. The Committee reiterates its position that while it always reserves its right to call upon all organizations of the Defense establishment for assistance, the primary interface of the Appropriations Committee and the Department of Defense necessarily must be through the budget offices and comptroller organizations.

The Committee appreciates the assistance received from all of the organizations of the Defense Department this year. The workload generated by the budget process is large and growing but entirely essential to the American governmental process.

GUARD AND RESERVE FORCES

SUMMARY

For ease of reference, all Guard and Reserve issues will be discussed under this section of the report.

The following tables summarize funding and personnel levels of Guard and Reserve programs in recent years. Although provided in separate legislation, military construction funding is included to indicate total federal support of Guard and Reserve forces.

22-00000 JANUARY 1981 BUDGET SUMMARY

[Dollar amounts in thousands]

	1985 actual	1986 estimate	1986 prior Graves/Reidman	1987 request
Military personnel	\$591,420	\$596,765	\$596,765	\$584,926
Reserve and Guard personnel	7,703,307	8,710,455	8,655,034	9,464,500
Operation and maintenance	5,734,048	6,149,650	5,852,401	6,529,500
Procurement	5,008,800	5,215,200	5,000,981	2,778,400
Military construction	407,709	389,631	370,540	451,200
Total	19,445,284	21,061,701	20,475,721	19,808,526
End strength:				
Civilians	80,990	81,651		81,604
(Technicians)	(64,081)	(66,086)		(67,418)
Active military	14,697	13,952		14,961
Reserve military	1,088,062	1,134,577		1,186,200
(Full-time)	(54,895)	(64,277)		(76,389)
Total	1,183,757	1,230,180		1,282,765

The Committee's recommendations for fiscal year 1987 continue its long-standing support of the Guard and Reserve. Unless otherwise indicated in this section, the Committee funded the amounts requested for the reserve components in fiscal year 1987.

The P-1R exhibit provided by the Department identified that portion of the total fiscal year 1987 request for each item of equipment designated for the reserve components. Funding for major items of equipment is contained in the accompanying bill and the amounts identified in the P-1R, unless adjusted by the Committee, should be provided to the reserve components.

The following are examples of items of equipment included in the P-1R for which funds have been included in the bill:

- 36 UH-60A Black Hawk helicopters of which 15 are for the Army National Guard and 21 for the Army Reserve.
- 6 EH-60A Quickfix helicopters for the Army National Guard.
- 120 Abrams tanks for the Army National Guard.
- 36 155mm howitzers for the Marine Corps Reserve.
- \$292,400,000 for spare parts for the Air Force Reserve and Air National Guard.
- \$80,500,000 for C-130 modifications for the Air Force Reserve and Air National Guard.

In addition, the Committee recommends the following increases for Guard and Reserve equipment, totaling \$752,068,000, above the budget request:

- \$100,000,000 for miscellaneous equipment for the Army Reserve;
- \$242,968,000 for 7 P-3Cs, \$38,000,000 for CSAR helicopters, \$20,000,000 for aircraft support equipment and \$8,000,000 for airborne mine countermeasures for the Navy Reserve;
- \$3,600,000 for communications/electronics equipment, \$29,300,000 for engineering equipment, \$1,100,000 for analyzer set engine (STE/ICE), and \$40,000,000 for two KC-130T aircraft for the Marine Corps Reserves;
- \$150,000,000 for eight C-130H aircraft for the Air Force Reserve;

- \$25,000,000 for non-system training devices, \$23,500,000 for communications equipment, and \$20,600,000 for 5-ton trucks for the Army National Guard; and
- \$50,000,000 for miscellaneous equipment for the Air National Guard.

The Committee also recommends an additional \$30,000,000 for automatic data processing requirements and \$35,600,000 above the budget request for drug interdiction activities of the Reserve Forces.

AIR COMBAT MANEUVERING INSTRUMENTATION RANGES

Last year the Committee directed that a study be conducted to determine if the Air National Guard had adequate access to Tactical Aircrew Combat Training Systems and Air Combat Maneuvering Instrumentation ranges (TACTS/ACMI). That study and testimony before the Committee this year confirmed that with minimal investment, Guard aircrews could increase their level of training time at these ranges to gain parity with the active force. Therefore, the Committee directs that of the funds authorized for Air National Guard equipment, \$15,200,000 should be made available for increased TACTS/ACMI time sharing facilities for the Air National Guard. Since the study the Committee requested revealed that 66 percent of the Air National Guard Tactical Force is located on the East Coast, the Committee understands that with this equipment at the Savannah, ANG base and the Jacksonville, ANG base, Guard Air Crews would be able to accomplish 50 percent of their required TACTS/ACMI training.

C-12 AIRCRAFT

The Committee agrees with the House Armed Services Committee that \$25,400,000 of the fiscal year 1987 Army and Air Force aircraft procurement appropriations should be reallocated to buy four C-12 aircraft for the Army National Guard, of which two will be C-12J models, and four C-12J aircraft for the Air National Guard. The Committee directs the Assistant Secretary of Defense (Comptroller) to ensure that the mandatory reallocation is reflected on the fiscal year 1987 DD Form 1414, Base for Reprogramming Actions submitted to Congress.

P-3C ANTISUBMARINE WARFARE PATROL AIRCRAFT (ORION)

The Navy did not request funds for Navy Reserve P-3C aircraft in fiscal year 1987. The Committee recommends \$242,968,000 to procure seven P-3C aircraft for the Navy Reserve, which is the number of aircraft required to complete the outfitting of the first Reserve P-3C squadron and first and second Reserve P-3C Master Augmentation Units. The Secretary of the Navy submitted to the Congress a plan for modernization of the Navy Reserve in February of 1985 in which he committed to outfit the first Navy Reserve P-3C squadron and to outfit the three Master Augment Units (MAUs) with P-3C aircraft by fiscal year 1988. These aircraft when combined with those authorized and appropriated in fiscal year 1986 will be used to partially fulfill this plan.

RESERVE COMPONENTS FULL-TIME SUPPORT STRENGTHS

Full-time support in the Guard and Reserve components occurs in four categories: civilian technicians, Active Guard and Reserve (AGR), non-technician civilians and active component members. The Committee is aware that for a number of local Guard and Reserve units the technicians are essential for recruiting, and for the maintenance of public support for the local units, the Guard and Reserve and the military establishment generally. Full-time support end strength in all categories totalled 150,590 in fiscal year 1985. A total of 159,880 is estimated for fiscal year 1986 and the fiscal year 1987 budget request is 172,954. While overall full-time support end strengths have increased in recent years, the growth in AGR end strength has been dramatic, rising in five years from 38,515 to the requested 1987 level of 76,389. As a percentage of selected reservists, AGRs have increased from 3.8 percent in 1983 to 6.4 percent in the 1987 budget.

Although the Committee has generally supported the growth in full-time support end strengths, it has made reductions in prior years in certain AGR requested increases. For fiscal year 1987, the Committee recommends a reduction of \$214,881,000 from the total requested for AGR end strength, denying funding to support the requested increase of 12,112. The Committee supports the requested civilian technician end strength increase of 1,332 and, in addition, has added \$12,284,000 to the Operation and Maintenance, Air National Guard account to provide for a civilian technician end strength increase of 501 above the budget request. The Committee takes these actions in light of the harsh budget realities, and not due to a loss of confidence in the AGR program. In addition, the Committee has retained the provision carried in recent appropriation acts which prohibits the in place conversion of positions from civilian technician status to Active Guard and Reserve status.

The Committee also recommends the following reductions related to the AGR end strength freeze:

Reserve Personnel, Navy—Subsistence.....	—\$3,143,000
O&M, Army Reserve—AGR training.....	—1,436,000
O&M, Army Reserve—AGR force professional training.....	—650,000
O&M, Navy Reserve—Headquarters support.....	—456,000
O&M, Marine Corps Reserve—general support.....	—1,082,000

The following table summarizes Guard and Reserve full-time support end strengths:

GUARD AND RESERVE FULL-TIME SUPPORT END STRENGTHS

	Fiscal year 1986 estimate	Fiscal year 1987 request	Fiscal year 1987 House authorization	Committee recommendation	Recommendation difference compared with request
Army Reserve:					
AGR.....	12,157	13,657	12,657	12,157	—1,500
Technicians.....	7,623	8,032	8,032	8,032	—
Navy Reserve: TAR.....	19,010	23,197	20,510	19,010	—4,187
Marine Corps Reserve: Full-time reserves.....	1,475	1,782	1,645	1,475	—307
Air Force Reserve:					
AGR.....	635	876	665	635	—41
Technicians.....	9,042	9,175	9,175	9,175	—

GUARD AND RESERVE FULL-TIME SUPPORT END STRENGTHS—Continued

	Fiscal year 1986 estimate	Fiscal year 1987 request	Fiscal year 1987 House authoriza- tion	Committee recommen- dation	Recommen- dation compared with request
Army National Guard:					
AGR.....	23,731	28,721	25,231	23,731	-4,990
Technicians.....	26,629	27,129	27,129	27,129	—
Air National Guard:					
AGR.....	7,269	8,354	8,169	7,269	-1,087
Technicians.....	22,792	23,082	23,082	23,583	+501
Total:					
AGR/TAR.....	64,277	76,389	68,677	64,277	-12,112
Technicians.....	66,086	67,418	67,418	67,919	+501

UNIT AND INDIVIDUAL TRAINING

The House Armed Services Committee limited the authorization of funds for reserve unit and individual training to a level \$112,500,000 below the budget request. The Committee concurs with this recommendation and has applied the reduction as follows:

	Thousands
Army Reserve.....	-\$29,600
Navy Reserve.....	-17,000
Marine Corps Reserve.....	-3,700
Air Force Reserve.....	-9,200
Army National Guard.....	-43,300
Air National Guard.....	-9,700

INDIVIDUAL READY RESERVE MOBILIZATION TEST

Included in the Department of Defense's 1987 budget request is \$61,000,000 for an Individual Ready Reserve Mobilization Test.

The funds would cover costs of a one-day mandatory muster for all Individual Ready Reservists. Most of the funds would provide for pay and transportation costs of IRR members, as well as postage, mailing, and administrative costs.

There are approximately 500,000 individuals in the ready reserve—mostly people who have recently served in the active forces or selected reserve and have some period of obligated service remaining on their contract. Most members of the IRR do not participate in organized training.

In fiscal year 1986, \$2,000,000 was authorized and approximately \$1,000,000 obligated on a voluntary test muster for the Army Individual Ready Reserve program. The purpose of the test muster was to determine the adequacy of call-up plans and provide data on the physical condition and military skill retention of IRR members. The Army's report on the test muster concluded: "An accurate national emergency call-up response rate probably cannot be determined in a peacetime environment because individual and public attitudes toward a particular crisis cannot be simulated".

The Committee has denied all funds requested for the mandatory IRR test muster based on budget priorities and the results of the voluntary test muster conducted in 1986.

ARMY RESERVE SPECIAL TRAINING

The Committee recommends \$115,214,000 for Army Reserve Special Training. This is a reduction of \$5,000,000 below the budget request. The recommended funding will allow minor growth above the 1986 level of \$113,081,000 and will provide for more than 800,000 man days of special training.

ARMY RESERVE SENIOR ROTC NON-SCHOLARSHIP PROGRAM

Recent experience indicates some overstatement of requirements for the Senior ROTC Non-Scholarship program. In 1985, actual expenses were \$29,625,000 compared to an estimate of \$34,637,000. In addition, the original 1986 estimate of \$40,666,000 has been revised to \$31,504,000. Based on this experience, the Committee recommends a reduction of \$5,000,000 below the 1987 budget request of \$37,536,000.

NAVY RESERVE SCHOOL TRAINING

Based on overestimates of requirements in prior years and on the recommended freeze in AGR end strength the Committee has reduced the requested funding of \$15,166,000 for Navy Reserve School Training by \$1,320,000.

NAVY RESERVE SPECIAL TRAINING

The 1987 budget request includes \$3,905,000 for exercises—a part of Navy Reserve special training. This represents an increase of 24 percent above the 1986 level of \$3,244,000. The Committee recommends a reduction of \$649,000, which will allow the same number of participants (1,783) and man days (17,118) as were funded in 1986, adjusted for expected rate changes.

NAVY RESERVE AND MARINE CORPS PCS MOVES

In recent years, the number of permanent change of station (PCS) moves for full-time active duty Naval reservists has increased dramatically. In 1985, for example, the number of PCS moves was 7,135. This represented 50 percent of the average strength for the full-time personnel, or TARS (Training and Administration of Reserves). The comparable figures in the 1987 budget request are 11,492 moves and 55 percent. The Committee recommends limiting the number of PCS moves to 50 percent of estimated average work years, or 9,505, for a reduction of \$4,081,000.

PCS moves in the Marine Corps Reserve have also experienced considerable growth recently, rising from 850 moves in 1985 to an estimated 490 in 1987. The Committee recommends a reduction of \$81,000, which will allow for the number of moves performed in 1986 (375) adjusted for inflation.

ARMY NATIONAL GUARD SCHOOL TRAINING

Growth in the school training program has more than doubled in four years, from \$95,232,000 in 1984 to the 1987 request of \$207,547,000. The growth far exceeds the increase in the number of selected reservists, which has only increased by 13 percent. The

1987 request alone represents an increase of nearly 22 percent. The Committee believes this growth to be excessive and recommends a reduction of \$20,222,000. This level will still permit an increase of 10 percent above the 1986 level of \$169,867,000.

ARMY NATIONAL GUARD SPECIAL TRAINING

The Army National Guard's Special Training activity has also experienced considerable growth recently, more than doubling from \$81,656,000 in 1984 to the 1987 budget request of \$191,622,000. The Committee recommends \$177,211,000 for special training in 1987, including not to exceed \$5,654,000 for the competitive events component. The total recommended will fund the 1986 level, adjusted for price changes, plus 10 percent real growth.

ARMY RESERVE ADP

The Army recently cancelled the Continental Army Management Information System (CAMIS) ADP project, after an approximate \$50,000,000 investment by Congress since 1979. This project was to provide basic automation to the Army reserve forces and the capability provided would be critical to effective mobilization of the Army in wartime. While budgeting large amounts to expand active Army systems, the Army continues to neglect the reserve forces. This is unacceptable to the Committee. In addition, the Army provided very poor responses to the Committee's hearing questions on this subject.

The Committee recommends that \$10,000,000 be transferred from the active Army Operation and Maintenance appropriation to the Army Reserve to provide basic automation capabilities as was envisioned by the CAMIS project. The Committee assumes that the Comptroller of the Defense Department, who testified that an Office of the Secretary of Defense level review would be conducted on the CAMIS follow-on effort, will ensure that these funds will fit into an overall Army strategy for automating its reserve forces.

NAVY RESERVE BASE OPERATIONS SUPPORT

A reduction of \$2,272,000 is recommended for Navy Reserve base operations other support. This action is taken based on excessive growth experienced during the past two years. This activity has increased from \$143,288,000 in 1985 to a 1987 budget request of \$166,988,000. The recommendation will allow 70 percent of the requested program increases to be accomplished.

NAVY RESERVE STEAMING HOURS

Steaming hours for the Navy Reserve increase above the 1986 level by more than 75 percent in the fiscal year 1987 budget request. The increase equates to \$16,400,000 and 25,052 hours. Of the total increase, 6,736 hours are for new ships joining the Naval Reserve Force and 18,316 hours are for an increase in average steaming hours above the 1986 level. The Committee approves the increase related to the new ships but has denied the \$11,900,000 requested for an increase in average steaming hours.

The Committee is concerned that funds previously provided for Navy Reserve steaming hours have not always been used in Naval Reservist training operations. Training of Naval Reserve Force surface combatants should be devoted to the training of their combined active duty and reserve crew in their assigned wartime mission. Operations without the combined crew embarked should be limited to emergency situations only and such emergency operations should not be financed with funds provided for Reserve steaming hours.

ARMY NATIONAL GUARD TRAINING SUPPORT

The Army National Guard training support activity—which funds the costs of training aids and services, targets, bivouac sites, marksmanship and biathlon programs, and trophies and awards—has more than doubled since 1985, increasing from \$4,046,000 to \$8,527,000. The Committee recommends a reduction of \$1,879,000 which will provide for an increase of 10 percent above the 1986 level.

STANDARD ARMY MULTICOMMAND MANAGEMENT INFORMATION SYSTEM

The budget request includes \$17,500,000 in the Operation and Maintenance, Army National Guard account for the Standard Army Multicommand Management Information System to replace existing computers used by the Army Guard in each of the 54 states and territories. The requirement was developed assuming a different investment/expense criteria than the one currently in effect. Therefore, the Committee has transferred the funds from O&M, Army National Guard to Other Procurement, Army.

ARMY GUARD ADP

The Committee recommends that \$10,000,000, transferred from the active Army's VIABLE program, be appropriated to the Army Guard for the CAMIS follow-on automation capability, subject to the conditions stated in the Army Reserve section above.

AIR NATIONAL GUARD—304TH AEROSPACE RESCUE AND RECOVERY SQUADRON

The Committee expresses its concern that the 304th Aerospace Rescue and Recovery Squadron retain its full search and rescue capabilities. No other unit in the Pacific Northwest can perform the 304th's combat rescue mission. As the recent Mt. Hood climbing tragedy demonstrates, such a capability is vitally important.

The Committee commends the squadron for participating in 156 search and rescue missions during fiscal year 1985, with 34 lives saved. However, the 304th's combat status is in danger without the appropriate equipment. A force of twelve HH-60 or HH-53 helicopters is essential to maintain the squadron's existence. The Committee supports the allocation of the necessary forces to the 304th, particularly in light of the squadron's already current capability to support twelve helicopters.

The Committee also supports the addition of an airlift capability to the 304th's mission requirements. The Committee believes that

the addition of this mission can be accomplished within available resources.

MANAGEMENT OF AUTOMATIC DATA PROCESSING SYSTEMS

OSD OVERSIGHT

The Department of Defense budget to procure, operate, and maintain automated information systems exceeds \$8,000,000,000 annually. The Appropriations Committees last year expressed concern over the management of these resources. Hearings before the Committee this year reveal that while the Defense Department has adequate policies in place governing the acquisition of major systems, they are not faithfully followed by the Services. The Committee insists that the Defense Department acquire automated information systems with the same care and discipline it uses to acquire weapons. Accordingly, it has made a number of financial reductions to proposed ADP programs which have not been subject to the documentation requirements and oversight reviews required by Defense Department regulations.

It is apparent that the Comptroller of the Defense Department, the agency's senior ADP official, has aggressively moved during the past year to fill the management void. The Committee is very pleased with the Department's responses to issues raised in last year's report. The Committee hopes that formal oversight reviews in the future will not only address major automated information systems, but also Service architectures and implementing requirements contracts. The Committee is hopeful that the Assistant Secretary of Defense for Acquisition and Logistics will be equally successful in planning, coordinating, and implementing proper oversight of the Department's automated logistics systems upgrades, whose life-cycle costs exceed \$6,500,000,000.

CENTRAL DESIGN ACTIVITIES

Central design activities are those organizations in the Defense Department which are responsible for acquiring, operating, and maintaining automated information systems above base level. The Committee is concerned that there is no standard definition for these activities, their costs are not disclosed in budgets to Congress, and the Department has never formally studied the cost effectiveness of centralizing their management. The Committee directs the Comptroller of the Defense Department to implement a standard definition for the Department's central design activities and to disclose their costs to the Congress in the format similar to the Department's budget manual requirement prior to the Paperwork Reduction Act.

NAVY CAD/CAM TECHNOLOGY

The Committee is excited about the Navy's centralized approach, via sets of standard requirements contracts, for the acquisition of Computer Aided Design (CAD)/Computer Aided Manufacturing (CAM) technology. The Committee has included bill language that prohibits the Navy from purchasing CAD/CAM equipment from other than these contracts. The Committee is concerned that the

costs of this initiative are not known by the Office of the Secretary of Defense nor the Congress, and the acquisition strategy has not been subject to formal oversight review. The Committee expects that adequate management attention will be devoted to this initiative prior to significant expenditure of funds.

MAJOR AUTOMATED INFORMATION SYSTEMS

The Defense Department claims to have policies which ensure adequate management oversight of the acquisition of major automated information systems or upgrades. Through hearings by the Committee and audit reports from the Services and the General Accounting Office, it is apparent that the enforcement of these policies during recent years has been lax. The Committee is encouraged by the recent Comptroller initiative that establishes formal oversight review organizations at the Service level which mirror the OSD structure. The Committee has included bill language that prohibits obligation of funds for acquisition of major automated information systems that have not successfully completed the oversight reviews required by Defense Department regulations. In addition, the Committee directs the Department to include information in its ADP budget to identify and justify large requirements contracts for the acquisition of ADP equipment such as computers and CAD/CAM technology.

ADP EQUIPMENT MANAGEMENT FUND

Based upon repeated studies and numerous hearings, the Congress established an ADP equipment management fund in fiscal year 1986 to allow the Department of Defense to acquire ADP equipment in the most economical manner, usually outright procurement. Because DOD activities with sensitive classified missions might otherwise be deterred from taking advantage of this expanded acquisition process, the Committee directs that the Secretary of Defense implement the procedures addressed in the classified annex to this report to permit such usage of the ADPE management fund while ensuring that proper security safeguards continue in effect.

AIR FORCE LOGISTICS COMMAND MODERNIZATION

Last year, the Committee required the Air Force to notify Congress when it experienced significant cost growth or schedule slips in the Logistics Modernization System ADP acquisition. The Air Force has evidently interpreted this requirement to apply to the entire program. To clarify, the Committee expects such notification on any of the major LMS subprojects which experience significant cost or schedule difficulties.

MEDICAL SYSTEMS

The Committee supports efforts by the Office of the Secretary of Defense to implement a medical automation integration plan. During hearings this year, it became evident that the Services are pursuing independent and possibly redundant medical automation efforts. The committee examined in detail the Theater Army Medi-

cal Management Information System (TAMMIS), the Naval Occupational Health Information Management System (NOHIMS), and the Air Force Medical Material Management System On Line (MMMS-OL). The Committee found that development of these systems has progressed without OSD coordination or review. The Committee directs the Assistant Secretary of Defense for Health Affairs to:

1. Ensure that the Defense Medical Systems Support Center architecture supports theater and contingency automation requirements. If necessary, bring the TAMMIS resources under direct oversight and control to ensure that system requirements, development, and testing are in compliance with the DMSSC architecture and long range plan;
2. Implement a standard DOD medical logistics automation module. Bring MMMS-OL under DMSSC oversight, to include resources if necessary, to ensure that system development and implementation is accomplished within standard DOD requirements and the DMSSC architecture; and
3. Complete a NOHIMS review to document that the medical interfaces of this system are in compliance with the DMSSC architecture.

The Committee requests a report from the Assistant Secretary of Defense for Health Affairs by March 31, 1987, describing his actions to eliminate duplication of medical automation development within DOD and to implement the DMSSC architecture.

COMPOSITE HEALTH CARE SYSTEM

The Composite Health Care System will be the primary means of providing automation to DOD's hospitals and clinics. The Committee has included bill language requiring that no funds may be obligated for acquisition of this system if life cycle cost estimates exceed \$1,100,000,000 in constant fiscal year 1986 dollars. This will enforce a cost discipline on this critical program prior to significant expenditure of funds which is scheduled to begin in fiscal year 1987.

COMPUTER AIDED LOGISTICS SUPPORT (CALS)

The DOD Computer Aided Logistics Support (CALS) program is crucial to the effective use of paperless design and logistics information for improved weapon system support. The Committee expects to see substantial near-term progress to establish compatibility for already-developed systems within DOD, such as engineering drawing repositories and automated technical manual systems, together with common interfaces with industry. The Committee also expects rapid accomplishments leading to the CALS objective of more reliable, supportable weapon system designs. The Committee directs the Secretary of Defense to report by June 30, 1987 on his progress in achieving near-term compatibility among CALS elements and substantial improved weapons support through large scale transition to digital operations.

INTELLIGENCE AND INTELLIGENCE RELATED ACTIVITIES

The Committee reviews the intelligence and intelligence related activities budgets with the same intensity and completeness as is afforded other portions of the Department of Defense (DOD) budget. Because of the highly sensitive nature of these activities, the results of the Committee's budget review are published in a separate, detailed and comprehensive classified annex to this report. The intelligence community is expected to comply fully with the recommendations and direction in the classified annex accompanying the fiscal year 1987 DOD Appropriation bill.

COMMITTEE'S OVERSIGHT FUNCTION

In pursuing its oversight function in the intelligence and intelligence related activities areas, the Committee held numerous separate hearings and briefings which resulted in several thousand pages of transcript and written responses for the record relating to those hearings. Additionally, there were several hundred pages of written responses for the record not related to any specific hearing.

NATIONAL FOREIGN INTELLIGENCE PROGRAM

The National Foreign Intelligence Program consists of those intelligence activities of the Government which provide the President, other officers of the Executive Branch, and the Congress with national foreign intelligence on broad strategic concerns bearing on U.S. national security. These concerns are stated by the National Security Council in the form of long-range and short-range requirements for the principal users of intelligence, and include political trends, military balance trends, economic trends, treaty monitoring and support to military theater commanders.

The National Foreign Intelligence Program budget funded in the Department of Defense Appropriation Act consists primarily of resources of the Central Intelligence Agency, the Office of the Secretary of Defense, the Defense Intelligence Agency, the National Security Agency, the Departments of the Army, Navy, and Air Force, the Intelligence Community Staff of the Director of Central Intelligence, and the CIA Retirement and Disability System Fund.

The Committee has recommended a reduction in the fiscal year 1987 National Foreign Intelligence Program budget, the details of which are explained in the classified annex to this report. In spite of this reduction, funding growth is provided, and the Committee believes that the funds recommended are adequate to support an effective National Foreign Intelligence Program in the forthcoming fiscal year.

NICARAGUAN DEMOCRATIC RESISTANCE

The Committee has included a general provision, Section 9045, prohibiting the obligation or expenditure of any funds during fiscal year 1987 to provide funds, materiel, or other assistance to the Nicaraguan democratic resistance to support military or paramilitary operations in Nicaragua except in accordance with terms and conditions of Section 106 of the Intelligence Authorization Act (H.R. 4759) for fiscal year 1987.

The Committee notes that \$100,000,000 was included for humanitarian and military assistance to the Nicaraguan democratic resistance in the recently House passed fiscal year 1987 Military Construction Appropriations bill, H.R. 5202.

TACTICAL INTELLIGENCE AND RELATED ACTIVITIES PROGRAMS

The Department of Defense Tactical Intelligence and Related Activities (TIARA) encompass a diverse array of reconnaissance, surveillance and target acquisition programs which are primarily a functional part of the basic military force structure, and provide direct information support to combat operations. TIARA includes those activities outside the General Defense Intelligence Program which respond to operational command tasking for time-sensitive information as well as to national communications, command, control, and intelligence requirements.

Explanations of the Committee's specific recommendations for TIARA programs appear in the appropriate sections of this report or in the classified annex. The funding provided for TIARA will fully support these activities in the forthcoming fiscal year.

PHYSICAL SECURITY

Last year the Committee requested and received a report outlining improvements required in physical security at sensitive U.S. installations.

The Committee continues to be concerned that the absence of relatively inexpensive improvements could jeopardize not only multimillion dollar investments but especially U.S. military and civilian personnel located throughout the world. As a result, the Committee has added \$75,000,000 to begin aggressive corrective action. Prior to obligation of these funds, the Committee directs that a reprogramming request be submitted to the appropriations and authorizing committees detailing how the funds will be allocated. Additional details are provided in the classified annex of this report.

SPECIAL OPERATION FORCES

TRANSFER OF SPECIAL OPERATIONS ROTARY WING MISSION

Last year the Committee included report language prohibiting implementation of Initiative 17—transfer of the special operations rotary wing mission from the Air Force to the Army—until the Congress had completed its review of the proposal.

The Committee has concluded an exhaustive analysis of this issue including testimony from Department witnesses, a Surveys and Investigations Staff report, and a report from the Deputy Secretary of Defense.

While the Committee supports the general concept that the Department should have maximum latitude to determine roles and missions across the military services, the Committee must reluctantly make an exception in this case. Not only does it appear that near-term readiness could be impaired if such a transfer is consummated, the Department admits that it would cost an additional \$600,000,000 over the next five years. Moreover, the Department

also admits that either the Army or the Air Force proposal would meet the requirements of the CINCs.

Consequently, the Committee is directing that Initiative 17, or any other current or future proposal to transfer any of the Special Forces rotary wing mission from the Air Force to the Army, not be implemented and that no funds are included in this bill for such a purpose.

DEPARTMENTAL SUPPORT

For the last several years, the Committee has expressed concern that the military services, and especially the Air Force, have refused to provide adequate resources, training, and hardware for our Special Operations Forces. While the shortfall is still quite significant, the Committee is pleased to note that the fiscal year 1987 budget request reflects an increased priority for these programs. During the Committee's hearing with senior officials from the Office of the Secretary of Defense and the military services, it was apparent that an effort is in the initial stages to improve the readiness, training, and equipment of our Special Operations Forces. The Committee commends any such initiatives and will continue to demand that such improvements continue. Specific funding levels being provided for individual Special Operations Forces programs are included within the discussion for each appropriation.

FORCES TO BE SUPPORTED

DEPARTMENT OF THE ARMY

The fiscal year 1987 budget was designed to support Active Army forces of 18 divisions, 4 separate brigades, and 3 armored cavalry regiments, and Reserve forces of 10 divisions, 17 separate brigades, 4 roundout brigades to active divisions, and 4 armored cavalry regiments. A summary of the major Active Forces for fiscal years 1985, 1986 and projected 1987 follows:

	Fiscal year—		
	1985	1986	1987
Divisions:			
Airborne.....	1	1	1
Infantry.....	5	6	6
Mechanized.....	6	6	6
Armored.....	4	4	4
Air assault.....	1	1	1
Total.....	17	18	18
Nondivisional combat units:			
Armored cavalry.....	3	3	3
Brigades.....	5	4	4
Combat brigade air cavalry.....	1	0	0
Active duty military personnel, end strength (thousands).....	780.8	780.8	780.9

^a 177 AR GDE slipped to fiscal year 1986.

DEPARTMENT OF THE NAVY

The proposed budget assumed support of battle forces totaling 566 ships at the end of fiscal year 1987 compared to 553 at the end of fiscal year 1986 and 542 at the end of fiscal year 1985. The active aircraft inventory of 5740 is an increase over the fiscal year 1986 inventory of 5661. The forces include 14 aircraft carriers, three battleships, 446 battle force ships, and 53 support ships, as well as 2,391 Navy and Marine Corps tactical aircraft and 506 ASW sea based aircraft. Ships joining the fleet during fiscal year 1987 include a Trident nuclear submarine, a nuclear aircraft carrier, four nuclear attack submarines, three *Ticonderoga* class cruisers, two guided missile frigates, one LSD-41 class amphibious ship, two mine countermeasures ships, and two T-AGOS ships. A summary of major forces as proposed in the President's Budget is as follows:

	Fiscal year—		
	1985	1986	1987
Strategic forces.....	43	44	45
Submarines.....	37	38	39
Other.....	6	6	6
Submarine launched ballistic missile launchers (MIRV).....	648	640	640
Battle forces.....	435	438	446
Aircraft carriers.....	13	13	14
Surface combatants.....	200	201	202
Submarines.....	100	101	102
Amphibious warfare ships.....	60	60	60
Mobile logistics ships.....	53	54	57
Other.....	9	9	11
Support forces.....	50	53	53
Mobile logistics ships.....	21	21	19
Support ships.....	29	32	34
Mobilization category A.....	14	18	22
Surface combatants.....	12	16	20
Amphibious warfare ships.....	2	2	2
Total ship battle forces.....	542	553	566
Total local defense and miscellaneous support forces.....	127	151	157
Auxiliaries and searift forces.....	107	129	136
Mobilization category B.....	20	22	21
Mine warfare ships.....	18	18	17
Support.....	2	4	4
Naval aircraft:			
Aircraft inventory (Active).....	5,416	5,661	5,740
Tactical aircraft (USN and USMC).....	2,210	2,390	2,391
ASW sea-based aircraft (fixed and rotary wing).....	432	484	506
Naval personnel:			
Active duty:			
Navy.....	570,705	581,300	592,700
Marine Corps.....	198,025	198,800	200,300
Reserve component strength (average):			
Navy:			
SELRES.....	123,762	134,508	147,500
TAR.....	14,297	17,464	21,025
Marine Corps.....	40,141	41,900	42,800

DEPARTMENT OF THE AIR FORCE

The proposed fiscal year 1987 Air Force Budget was designed to support an active force structure of 80 tactical fighter and attack

squadrons, 4 air defense interceptor squadrons, and 24 strategic bomber squadrons, including B-52s, FB-111s and B-1s. Also supported in this budget are 30 airlift squadrons. The Minuteman and Peacekeeper ICBM force will consist of 1,000 active launchers. Increases in personnel are shown below.

A summary of the major forces as proposed in the President's Budget is as follows:

	Fiscal year—		
	1985	1986	1987
USAF TAC fighter and attack squadron.....	78	78	80
Air defense interceptor squadron.....	4	4	4
Strat bomber squadron.....	21	22	24
ICBM launchers.....	1,020	1,007	1,000
USAF airlift squadron.....	31	31	30
Active aircraft inventory ^a	9,443	9,515	9,496
Active duty military.....	601,515	606,470	607,200
Reserve components personnel.....	184,612	188,250	195,700
ANG.....	109,398	110,859	115,200
AFR.....	75,214	77,400	80,500

^a Seven Titan II ICBM launchers will be dismantled in fiscal year 1987.

^a Includes Active, Air National Guard and Air Force Reserve. Excludes foreign government owned USAF operated aircraft.

TITLE I

MILITARY PERSONNEL

PROGRAMS AND ACTIVITIES FUNDED BY MILITARY PERSONNEL APPROPRIATIONS

Virtually every activity of the Department of Defense and military services requires both military and civilian personnel as well as support funding. Many of the actions taken in military personnel appropriations affect the operation and maintenance appropriations. These interrelations between the two appropriations are identified where possible.

SUMMARY OF MILITARY PERSONNEL RECOMMENDATION FOR FISCAL YEAR 1987

Fiscal year 1986 appropriations	\$67,906,361,000
Fiscal year 1986 adjusted base	67,671,936,000
Fiscal year 1987 budget request	74,202,900,000
Fiscal year 1987 recommendation	72,404,112,000
Change from budget request	-1,798,788,000

The Committee recommends an appropriation of \$72,404,112,000 for Military Personnel accounts. The recommendation is an increase of \$4,497,751,000 above the \$67,906,361,000 in total obligational authority for fiscal year 1986 and \$4,732,176,000 above the available obligational authority in fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985. These military personnel budget total comparisons include appropriations for the active, reserve, and national guard accounts. The following tables include a summary of the recommendation by appropriation account. Explanations of changes from the budget request appear later in this section of the report.

SUMMARY BY APPROPRIATION ACCOUNT OF THE FISCAL YEAR 1987 MILITARY PERSONNEL

RECOMMENDATION

(In thousands of dollars)

Account	Budget request	Recommendations	Change from budget
Military personnel:			
Army	22,655,000	22,270,626	-384,374
Navy	17,459,500	17,056,104	-403,396
Marine Corps	5,333,400	5,245,086	-88,314
Air Force	19,290,500	18,810,225	-480,275
Subtotal, active	64,738,400	63,382,041	-1,356,359

RECOMMENDATION—Continued

(In thousands of dollars)

Account	Budget request	Recommendations	Change from budget
Reserve personnel:			
Army.....	2,432,000	2,330,830	-101,170
Navy.....	1,527,600	1,436,680	-90,920
Marine Corps.....	314,800	300,100	-14,700
Air Force.....	645,000	628,977	-17,023
National Guard personnel:			
Army.....	3,485,200	3,303,174	-182,026
Air Force.....	1,058,900	1,022,310	-36,590
Subtotal, Guard and Reserve.....	9,464,500	9,022,071	-442,429
Total, title I.....	74,202,900	72,404,112	-1,798,788

The fiscal year 1987 budget request included an increase of 13,370 end strength for active forces and an increase of 51,623 end strength for the selected reserve over fiscal year 1986 levels.

The Committee's recommended active duty military personnel strengths agree with the strengths approved by the House Armed Services Committee during consideration of the 1987 Defense Authorization Act, which reduced requested fiscal year 1987 active duty end strengths by 11,730. The Committee agrees with the requested and authorized end strengths for selected reserve paid drill individual reservists but has not included funding requested for full-time active duty reservists above the 1986 end strength levels. The following tables summarize the overall strength levels in the recommendation in terms of overall strength levels and in terms of service component.

OVERALL ACTIVE END STRENGTH

Fiscal year 1986 estimate.....	2,167,370
Fiscal year 1987 budget request.....	2,181,100
Fiscal year 1987 authorization.....	2,169,370
Fiscal year 1987 recommendation.....	2,169,370
Compared with fiscal year 1986.....	+2,000
Compared with fiscal year 1987 budget request.....	-11,730

OVERALL SELECTED RESERVE END STRENGTH

Fiscal year 1986 estimate.....	1,134,577
Fiscal year 1987 budget request.....	1,186,200
Fiscal year 1987 house authorization.....	1,178,688
Fiscal year 1987 recommendation.....	1,174,088
Compared with fiscal year 1986.....	+39,511
Compared with fiscal year 1987 budget request.....	-12,112

SUMMARY OF MILITARY STRENGTH BY SERVICE COMPONENT

	Fiscal year 1986 estimate	Fiscal year 1987			Comparison of request with recommendation
		Budget request	House authorization	Recommendation	
Active Forces (end strength):					
Army.....	780,800	780,900	780,800	780,800	-100

SUMMARY OF MILITARY STRENGTH BY SERVICE COMPONENT—Continued

	Fiscal year 1986 estimate	Fiscal year 1987			Comparison of request with recommen- dation
		Budget request	House authoriza- tion	Recommen- dation	
Navy	581,300	592,700	583,300	583,300	-9,400
Marine Corps	198,800	200,300	198,800	198,800	-1,500
Air Force	606,470	607,200	606,470	606,470	-730
Total, Active Force	2,167,370	2,181,100	2,169,370	2,169,370	-11,730
Guard and Reserve (end strength):					
Army Reserve	310,650	327,600	326,600	326,100	-1,500
Navy Reserve	142,153	155,700	153,013	151,513	-4,187
Marine Corps Reserve	43,019	44,400	44,263	44,093	-307
Air Force Reserve	77,400	80,500	80,489	80,459	-41
Army National Guard	450,496	462,800	459,310	457,810	-4,990
Air National Guard	110,859	115,200	115,013	114,113	-1,087
Total, Guard and Reserve	1,134,577	1,186,200	1,178,688	1,174,088	-12,112

ACTIVE DUTY MILITARY PERSONNEL

END STRENGTH

The Committee has reduced the military personnel accounts by a total \$140,000,000 for the fiscal year 1987 requested military end strength growth.

The House Armed Services Committee authorized a fiscal year 1987 end strength that is 2,000 above the fiscal year 1986 level. The Committee recommendation supports the strength level authorized by the House Armed Services Committee.

ENLISTED TO OFFICER RATIO

The Committee reduced the military personnel accounts by a total \$149,811,000 to increase the Enlisted personnel to Officer personnel ratio to 6.25 to 1. This reduction would require the Department of Defense to recruit 16,000 fewer officers from fiscal year 1987 through fiscal year 1988. The House Armed Services Committee directed the Department to establish an enlisted to officer ratio of 6.12 to 1 by September 1, 1987, with a goal of achieving a ratio of 6.5 to 1 by September 30, 1990.

The Committee believes its recommendation is consistent with the recommendation made by the House Armed Services Committee, with impetus to meet this ratio at an earlier date and has made the reduction accordingly.

ENLISTMENT BONUSES

The Committee reduced the military personnel accounts by a total \$33,604,000 for enlistment bonuses. This reduction affects new payments only.

Due to current trends in enlistment and reenlistment factors and reductions to the fiscal year 1987 end strength request, only 50 percent of the Army's funding for enlistment bonuses is required. The

reductions made to Navy, Marine Corps and Air Force reflect actions taken by the House Armed Services Committee.

SELECTIVE REENLISTMENT BONUS

The Committee has reduced the military personnel accounts by a total \$223,023,000 for Selective Reenlistment Bonuses (SRB's).

The fiscal year 1986 Department of Defense Authorization Bill provided authorization to pay 75 percent of the SRBs "up front" in the first year. Prior to 1986, the Services had the authority to pay 50 percent up front. The House Armed Services Committee's fiscal year 1987 Department of Defense Authorization Bill, withdrew the fiscal year 1986 authorization and reinstated the 50 percent lump sum bonus in the first year.

The Committee agrees with the House Armed Services Committee's action and has made the adjustment accordingly.

VARIABLE HOUSING ALLOWANCE INFLATION

The Committee has reduced the military personnel accounts by a total \$27,000,000 for revised Variable Housing Allowance (VHA) inflation. The Department of Defense calculated a 4.9 percent VHA for an inflation increase of \$54,000,000 over fiscal year 1986 VHA costs. The Committee has included a general provision, Section 9095, that will limit the fiscal year 1987 inflation rate to 2.45 percent and thereby saving \$27,000,000 in VHA inflation costs.

The Committee is aware that this reduction may well require the service member to pay a larger portion of his housing costs. However, given the current housing market, the Committee believes a lower funding requirement is adequate.

PERMANENT CHANGE OF STATION

The Committee has reduced the military personnel accounts by a total \$563,493,000 for changes in the Permanent Change of Station (PCS) account. The Committee has included a general provision (Section 9073) that sets a limit on PCS expenditures of \$2,239,060,000.

The Committee agrees with reductions based on proposed revisions to the PCS program; however, it is concerned that hardships may result with additional delays in PCS travel. Therefore, the Committee directs the Department to find a majority of the savings represented here through further PCS policy revision and program restructuring.

INFLATION

The Committee has reduced the military personnel accounts by a total \$32,998,000 for revised inflation estimates.

In fiscal year 1986, the Department of Defense (DOD) used the Office of Management and Budget (OMB) standard inflation rate of 4.4 percent to determine funding needed for various non-pay related price increases. The current fiscal year 1986 estimate for inflation is 3.2 percent and can be anticipated to drop even further as a result of the impact of lower costs on commercial goods and services.

In fiscal year 1987, DOD used the OMB standard inflation rate of 4.1 percent for various non-pay related price increases. Based on historical evidence, the Committee believes a more realistic price increase is 2.0 percent.

SIXTH INFANTRY DIVISION

In fiscal year 1987, 35 units will be activated in Alaska for the Sixth Infantry Division. With consideration given to other reductions this Committee has made for support of this Division, and the fiscal year 1987 Military Construction Appropriations Bill which reduces funding for the Division's construction program, the Committee has reduced the Army's military personnel account by \$33,500,000 and 2,303 average strengths, for the units scheduled for deployment with the Sixth Infantry Division.

The Army was able to off-set the manpower requirements for the Sixth Infantry Division through various management initiatives such as organizational modernization and economics and efficiencies. The Committee anticipates the Army would continue with these initiatives.

ANNIVERSARY SRB's

The Committee has reduced the Army's military personnel account by \$1,744,000 for anniversary selective reenlistment bonuses (SRB's).

In fiscal year 1987, the Army budgeted a 10.4 percent increase in the rate for anniversary payments. Based on the fiscal year 1986 increase of 8.6 percent and the fact that the other Services budgeted no more than a 3 percent increase for 1987 anniversary SRB rates, the Committee determined that the Army's request was unjustified. This reduction will keep the fiscal year 1987 anniversary SRB rates the same as the 1986 rates.

AVERAGE STRENGTH SHORTFALL

The Committee has reduced the Navy's military personnel account by \$40,670,000 and the fiscal year 1987 average strength by 2,000 due to the strength shortfall being experienced in fiscal year 1986. Through April 1986, the Navy is lagging behind their budgeted average strength by 3,300. Based on prior fiscal year experience, the Committee believes the Navy will be at least 2,000 average strengths below the budgeted level by the end of fiscal year 1986.

AVERAGE GRADE INCREASE

The Committee has reduced the Marine Corps and the Air Force military personnel accounts by a total of \$108,300,000 for increases in the average grade. This will keep the established time-in-grade for promotion in fiscal year 1987 the same as fiscal year 1986.

INITIAL SRB

The Committee has reduced the Air Force military personnel account by \$2,216,000 for initial Selective Reenlistment Bonuses (SRB).

In fiscal year 1987, the Air Force is requesting an additional 867 initial SRB payments. Based on fiscal year 1986 Air Force reenlistment performance, and the reduction to the 1987 end strength request, the SRB request is unnecessary. This reduction will provide fiscal year 1987 initial SRB payments at the same rate as fiscal year 1986.

ACTIVE DUTY PERSONNEL SUPPORT

RECRUITING AND ADVERTISING

In fiscal year 1987, the Department of Defense is requesting a total \$1,731,400,000 for active and reserve component recruiting activities. The Committee has made a total reduction of \$75,010,000 to the request. Reductions by Service can be found in the Operation and Maintenance section of this report.

The Committee is aware that the Department has recently changed the mix of funding, with more emphasis on joint recruiting and advertising programs. The Committee supports this revision in funding strategy. Reductions to the fiscal year 1987 request were made with consideration given to the reductions in the requested end strength and resultant need for less funding.

The Committee is reluctant to legislate total funding limits for recruiting and advertising by Service or in total. However, the Committee was not pleased to learn that funding was reprogrammed between Services during execution of the fiscal year 1986 budget, without congressional notification. Therefore, while formal notification of changes is not required, the Committee requests the Department to inform the Committee when funding levels by Service or in total, change from those listed below:

ACTIVE/RESERVE COMPONENT RESOURCES

(In millions of dollars)

	Fiscal year		
	1986 program	1987 request	1987 recommended
Joint programs	97.9	114.5	101.4
Army	517.1	512.5	499.1
Navy	273.8	300.8	283.2
Marine Corps	169.8	174.9	166.1
Air Force	147.5	152.4	148.4
Army Reserve	142.0	156.3	147.8
Naval Reserve	59.7	72.2	64.4
Marine Corps Reserve	16.2	16.8	16.8
Air Force Reserve	19.2	20.9	20.9
Army Guard	172.5	182.6	179.8
Air Guard	27.0	27.5	27.5
Total DOD	1,642.5	1,731.4	1,656.4

¹ The fiscal year 1987 budget request numbers represented in the Service specific listing of recommendations, shown in the O&M section of this report, include enlistment bonus funds and therefore may not match the 1987 request numbers shown here. The reductions are the same.

Note: These numbers exclude enlistment bonus funds. Numbers are rounded and may not add.

TRAINING

REMOTE EDUCATION

In fiscal year 1986, the remote multi-media mode education network was funded at \$2,100,000 in the Army's training budget. In fiscal year 1987, the Army requested a total \$4,043,000 for this program in the long-haul communications program budget. However, there should have been a budget-balancing decrease of \$2,100,000 in the training budget which was not reflected in the fiscal year 1987 budget. Therefore, the Committee has made the \$2,100,000 reduction.

ENHANCED SKILL TRAINING

The Army has budgeted \$2,424,000 for cadet skills development program, a part of the enhanced skill training program. This is a new start program and will fund an English training course for ROTC cadets that attend historically black colleges.

The Committee has not been convinced that this program is essential or that the participation rate would be significant. The Committee directs that no money be spent on this program in fiscal year 1987.

RECEPTION CENTER

The Army requested \$377,000 to evaluate the capability of two Army Reserve reception stations. The Committee has reduced the Army's budget by \$377,000, believing the evaluations can be done within available resources.

ARMY TRAINING

Various Army training programs have historically experienced lower training levels than were budgeted. Due to these previous lower than budgeted training levels, the Committee believes the fiscal year 1987 training levels will be lower than budgeted. Therefore, the Committee made the following reductions:

	Thousands
Specialized Training.....	\$3,000
One Station Unit Training.....	1,290
Recruit Training.....	517
Total.....	4,807

OFFICER ACQUISITION

Included in the Navy's requested increase of \$5,513,000 for Officer Acquisition is \$4,900,000 of new programs for the academy, including upgrading ADP equipment, laboratory equipment and an employment program for spouses. The Committee made a reduction of \$4,000,000 to these items because the academy upgraded the ADP equipment and purchased lab equipment in 1985. The spousal employment program should not be funded because it will not benefit the midshipmen since they are not permitted to be married while at the academy.

SPECIALIZED SKILL TRAINING

The Navy has requested \$1,185,000 for the substitution of 95 military positions with 95 civilian positions. The Navy overbudgeted for the cost per civilian position. Therefore, the Committee has made the necessary adjustment and reduced the Navy's budget by \$538,000.

RELOCATABLE OVER-THE-HORIZON RADAR (ROTHR)

The Committee has included, within Navy authorized end strength adjustments, a reduction of \$2,359,000 associated with the 14 officer and 86 enlisted personnel affected by ROTHR actions addressed elsewhere in this report.

TRAINING/FUNDING REALIGNMENT

In fiscal year 1986, the Navy internally reprogrammed \$16,400,000 from training and other personnel activities to recruiting and advertising activities. The reprogramming occurred after the fiscal year 1987 budget was submitted. Since the fiscal year 1987 budget is based on the fiscal year 1986 budget, the training and other personnel activities budget is overstated by \$16,400,000. The Committee has made the necessary reductions.

FLIGHT TRAINING

The fiscal year 1987 budget includes an increase in the pilot training rate of 74 and \$9,874,000. Due to the reduction in the fiscal year 1987 request for military end strength, the pilot training rate can be reduced by 10 and \$1,395,000.

OTHER PERSONNEL ACTIVITIES

The Navy requested \$645,000 for a recreational services executive control and supervision program and an international sports program. These items should be funded with non-appropriated funds. The Committee has therefore made a reduction in the appropriated funding.

NAVY TRAINING

Various Navy training and educational programs have historically experienced lower training levels than were budgeted. Due to these previous lower than budgeted training and educational levels, the Committee believes the fiscal year 1987 levels will be lower than budgeted. Therefore, the Committee made the following reductions:

	Thousands
Off-duty and voluntary education	\$2,792
Naval Reserve Officers training	250
Recruit training	394
Total	3,436

TRAINING SUPPORT ACTIVITIES

The Air Force requested funding for 38 work years in fiscal year 1987 due to their unfunded status in fiscal year 1986.

In fiscal year 1986, Congress made work year reductions in the Department of Defense budget. These reductions were made to decrease the size of the civilian work force, in mainly administrative areas. The Committee considers the 1986 action valid and therefore can see no necessity of providing the fiscal year 1987 funding request. The Committee made the appropriate reduction of \$1,247,000.

AIR FORCE INSTITUTE OF TECHNOLOGY

The Air Force requested \$1,849,000 to furnish the Air Force Institute of Technology (AFIT). The AFIT construction will not be complete until late 1988. It is the Committee's belief that this request is premature and should be requested in fiscal year 1988.

SPACE TRAINING

The Air Force has requested \$2,000,000 to initiate a space training program. This training will develop specialists to operate and control space systems. Currently all the services are working together to define common needs for space operations training. Until this analysis is complete and a comprehensive department-wide training program is designed, the Committee does not believe it should be funded.

6594TH TEST GROUP

Subsequent to submission of the fiscal year 1987 budget request, the Air Force announced the disestablishment of the 6594th Test Group. Included in the authorized end strength adjustment for the Air Force is a reduction of \$5,200,000 associated with the 98 officer and 465 enlisted personnel no longer required for this Test Group.

AIR FORCE TRAINING

Various Air Force training programs have historically experienced lower training levels than were budgeted. Due to these previous lower than budgeted training levels, the Committee believes the fiscal year 1987 training levels will be lower than budgeted. Therefore, the Committee made the following reductions:

	Thousands
Education and training—Health care	\$550
Flight training	13,500
Recruit and specialized training	50,085
Total	64,135

MILITARY PERSONNEL, ARMY

Fiscal year 1986 appropriations	\$21,078,169,000
Fiscal year 1986 adjusted base	21,008,688,000
Fiscal year 1987 budget request	22,655,000,000
Committee recommendation	22,270,626,000
Change	-384,374,000

The Committee recommends an appropriation of \$22,270,626,000 for Military Personnel, Army. The recommendation is an increase of \$1,192,457,000 above the \$21,078,169,000 in total obligational authority for fiscal year 1986 and \$1,266,938,000 above the available obligational authority in fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985. The following table summarizes the specific adjustments to the fiscal year 1987 request discussed elsewhere in this report.

[In thousands of dollars]	
Authorized end strength.....	-1,550
Enlisted to officer ratio.....	-32,478
Enlisted bonuses.....	-28,255
Reenlistment bonuses.....	-50,429
VHA inflation.....	-6,000
Permanent change of station.....	-217,557
Inflation.....	-12,861
Infantry division.....	-33,500
Anniversary SRB's.....	-1,744
Total adjustment.....	-384,374

MILITARY PERSONNEL, NAVY

Fiscal year 1986 appropriations.....	\$15,917,144,000
Fiscal year 1986 adjusted base.....	15,875,246,000
Fiscal year 1987 budget request.....	17,459,500,000
Committee recommendation.....	17,056,104,000
Change.....	-403,396,000

The Committee recommends an appropriation of \$17,056,104,000 for Military Personnel, Navy. The recommendation is an increase of \$1,138,960,000 above the \$15,917,144,000 in total obligational authority for fiscal year 1986 and \$1,180,858,000 above the available obligational authority in fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985. The following table summarizes the specific adjustments to the fiscal year 1987 request discussed elsewhere in this report.

[In thousands of dollars]	
Authorized end strength.....	-104,855
Enlisted to officer ratio.....	-65,401
Enlistment bonuses.....	-2,756
Reenlistment bonuses.....	-108,693
VHA inflation.....	-10,900
Permanent change of station.....	-69,370
Inflation.....	-5,751
Average strength shortfall.....	-40,670
Total adjustment.....	-403,396

MILITARY PERSONNEL, MARINE CORPS

Fiscal year 1986 appropriations.....	\$4,870,016,000
Fiscal year 1986 adjusted base.....	4,853,944,000
Fiscal year 1987 budget request.....	5,333,400,000
Committee recommendation.....	5,245,086,000
Change.....	-88,314,000

The Committee recommends an appropriations of \$5,245,086,000 for Military Personnel, Marine Corps. The recommendation is an increase of \$375,070,000 above the \$4,870,016,000 in total obligational authority for fiscal year 1986 and \$391,142,000 above the

available obligational authority in fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985. The following table summarizes the specific adjustments to the fiscal year 1987 request discussed elsewhere in this report.

[In thousands of dollars]

Authorized end strength.....	-15,002
Enlisted to officer ratio.....	-9,440
Enlistment bonuses.....	-2,573
Reenlistment bonuses.....	-35,288
VHA inflation.....	-2,800
Permanent change of station.....	-8,872
Inflation.....	-3,039
Average grade increase at 1986 levels.....	-11,300
Total adjustment.....	-88,314

MILITARY PERSONNEL, AIR FORCE

Fiscal year 1986 appropriations.....	\$17,744,770,000
Fiscal year 1986 adjusted base.....	17,698,217,000
Fiscal year 1987 budget request.....	19,290,500,000
Committee recommendation.....	18,810,225,000
Change.....	-480,275,000

The Committee recommends an appropriation of \$18,810,225,000 for Military Personnel, Air Force. The recommendation is an increase of \$1,065,455,000 above the \$17,744,770,000 in total obligational authority for fiscal year 1986 and \$1,112,008,000 above the available obligational authority in fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985. The following table summarizes the specific adjustments to the fiscal year 1987 request discussed elsewhere in this report.

[In thousands of dollars]

Authorized end strength.....	-18,593
Enlisted to officer ratio.....	-42,492
Enlistment bonuses.....	-20
Reenlistment bonuses.....	-33,613
VHA inflation.....	-7,300
Permanent change of station.....	-267,694
Inflation.....	-11,347
Average grade increase at 1986 levels.....	-97,000
Initial SRB's.....	-2,216
Total adjustment.....	-480,275

RESERVE PERSONNEL, ARMY

Fiscal year 1986 appropriations.....	\$2,178,564,000
Fiscal year 1986 adjusted base.....	2,145,194,000
Fiscal year 1987 budget request.....	2,432,000,000
Committee recommendation.....	2,330,830,000
Change.....	-101,170,000

The Committee recommends an appropriation of \$2,330,830,000 for Reserve Personnel, Army. The recommendation is an increase of \$152,266,000 above the \$2,178,564,000 in total obligational authority for fiscal year 1986 and \$185,636,000 above the available obligational authority in fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985. The following table summarizes the specific adjustments to the fiscal year 1987 request discussed elsewhere in this report.

[In thousands of dollars]

Individual Ready Reserve mobilization test.....	-38,000
Special training.....	-5,000
Senior ROTC Nonscholarship Program.....	-5,000
Full-time support (AGR end strength).....	-23,510
Unit and individual training.....	-29,600
National Board for the Promotion of Rifle Practice (transfer).....	-60
Total adjustment.....	-101,170

RESERVE PERSONNEL, NAVY

Fiscal year 1986 appropriations.....	\$1,267,734,000
Fiscal year 1986 adjusted base.....	1,264,599,000
Fiscal year 1987 budget request.....	1,527,600,000
Committee recommendation.....	1,436,680,000
Change.....	-90,920,000

The Committee recommends an appropriation of \$1,436,680,000 for Reserve Personnel, Navy. The recommendation is an increase of \$168,946,000 above the \$1,267,734,000 in total obligational authority for fiscal year 1986 and \$172,081,000 above the available obligational authority in fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985. The following table summarizes the specific adjustments to the fiscal year 1987 request discussed elsewhere in this report.

[In thousands of dollars]

Individual Ready Reserve mobilization test.....	-10,000
School training.....	-1,320
Exercises.....	-649
Full-time support (AGR end strength):	
Pay and allowances.....	-54,727
Subsistence.....	-3,143
PCS moves.....	-4,081
Unit and individual training.....	-17,000
Total adjustment.....	-90,920

RESERVE PERSONNEL, MARINE CORPS

Fiscal year 1986 appropriations.....	\$272,250,000
Fiscal year 1986 adjusted base.....	270,926,000
Fiscal year 1987 budget request.....	314,800,000
Committee recommendation.....	300,100,000
Change.....	-14,700,000

The Committee recommends an appropriation of \$300,100,000 for Reserve Personnel, Marine Corps. The recommendation is an increase of \$27,850,000 above the \$272,250,000 in total obligational authority for fiscal year 1986 and \$29,174,000 above the available obligational authority in fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985. The following table summarizes the specific adjustments to the fiscal year 1987 request discussed elsewhere in this report.

[In thousands of dollars]

Individual Ready Reserve mobilization test.....	-7,000
Full time support (AGR end strength).....	-3,919
PCS moves.....	-81
Unit and individual training.....	-3,700
Total adjustment.....	-14,700

RESERVE PERSONNEL, AIR FORCE

Fiscal year 1986 appropriations.....	\$584,430,000
Fiscal year 1986 adjusted base.....	580,507,000
Fiscal year 1987 budget request.....	646,000,000
Committee recommendation.....	628,977,000
Change.....	-17,023,000

The Committee recommends an appropriation of \$628,977,000 for Reserve Personnel, Air Force. The recommendation is an increase of \$44,547,000 above the \$584,430,000 in total obligational authority for fiscal year 1986 and \$48,470,000 above the available obligational authority in fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985. The following table summarizes the specific adjustments to the fiscal year 1987 request discussed elsewhere in this report.

[In thousands of dollars]

Individual Ready Reserve mobilization test.....	-6,000
Full-time support (AGR end strength).....	-1,823
Unit and individual training.....	-9,200
Total adjustment.....	-17,023

NATIONAL GUARD PERSONNEL, ARMY

Fiscal year 1986 appropriations.....	\$3,066,568,000
Fiscal year 1986 adjusted base.....	3,056,818,000
Fiscal year 1987 budget request.....	3,485,200,000
Committee recommendation.....	3,303,174,000
Change.....	-182,026,000

The Committee recommends an appropriation of \$3,303,174,000 for National Guard Personnel, Army. The recommendation is an increase of \$236,606,000 above the \$3,066,568,000 in total obligational authority for fiscal year 1986 and \$246,356,000 above the available obligational authority in fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985. The following table summarizes the specific adjustments to the fiscal year 1987 request discussed elsewhere in this report.

[In thousands of dollars]

Full-time support (AGR end strength).....	-104,212
School training.....	-20,222
Special training.....	-14,411
(Competitive events).....	(-2,493)
Unit and individual training.....	-43,300
National Board for the Promotion of Rifle Practice (transfer).....	-81
Total adjustment.....	-182,026

NATIONAL GUARD PERSONNEL, AIR FORCE

Fiscal year 1986 appropriations.....	\$926,716,000
Fiscal year 1986 adjusted base.....	922,797,000
Fiscal year 1987 budget request.....	1,058,900,000
Committee recommendation.....	1,022,310,000
Change.....	-36,590,000

The Committee recommends an appropriation of \$1,022,310,000 for National Guard Personnel, Air Force. The recommendation is an increase of \$95,594,000 above the \$926,716,000 in total obligational authority for fiscal year 1986 and \$99,513,000 above the

available obligational authority in fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985. The following table summarizes the specific adjustments to the fiscal year 1987 request discussed elsewhere in this report.

(In thousands of dollars)

Full-time support (AGR end strength).....	-26,890
Unit and individual training.....	-9,700
Total adjustment.....	-36,590

TITLE II

OPERATION AND MAINTENANCE

ESTIMATES AND APPROPRIATION SUMMARY

The fiscal year 1987 budget estimate for operation and maintenance is \$85,773,000,000 in new obligational authority. This amount compares to a fiscal year 1986 total obligational authority, after the Gramm-Rudman sequestration, of \$74,818,297,000.

The accompanying bill recommends \$78,109,862,000 in new obligational authority for fiscal year 1987, which includes \$7,000,000 reappropriated from FY 1986. The amount recommended represents a decrease of \$7,663,138,000 from the fiscal year 1987 request and is \$3,291,565,000 above the total obligational authority provided in fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985.

The appropriations finance the costs of operating and maintaining the Armed Forces, including the Reserve components and related support activities of the Department of Defense, except military personnel costs. Included are amounts for pay of civilians, services for maintenance of equipment and facilities, fuel, supplies, and repair parts for weapons and equipment. Financial requirements are influenced by many factors, including force levels such as the number of aircraft squadrons, Army or Marine Corps divisions, installations, military strength and deployments, rates of operational activity, and quantity and complexity of major equipment, such as aircraft, ships, missiles, and tanks, in operation.

AUTHORIZATION REQUIREMENTS

Title II requests for funds for the Department of Defense are subject to authorization by the Armed Services Committees at the appropriation account level. Where an adjustment was made in the 1986 Defense Authorization Act, funds for the most part are similarly adjusted in this appropriations bill. To the extent that any variation takes place, a full explanation is provided indicating the new and persuasive information available subsequent to consideration by the authorization committee. In many cases had the Armed Services Committees not recommended a reduction, this Committee may well have made a similar reduction on its own initiative. In every instance, but one, adjustments recommended by the Committee are below the amounts provided by the authorization committee to ensure compliance with the authorization. As addressed elsewhere in the report, amounts provided for military health care are subject to authorization.

The following table summarizes the committee's recommendations in comparison with the authorization bill. In addition, the table provided under each individual appropriation shows a de-

tailed comparison by line item of the adjustments recommended by the authorization versus the adjustments recommended in this bill.

SUMMARY OF OPERATION AND MAINTENANCE

(In thousands of dollars)

	Request	HASC authorization	Recommended in bill	Change from request	Change from authorization
Army.....	21,341,870	20,742,070	19,774,531	-1,567,339	-967,539
Navy.....	25,688,500	24,377,000	22,993,227	-2,695,273	-1,383,773
Marine Corps.....	1,864,100	1,845,700	1,793,338	-70,762	-52,362
Air Force.....	21,214,500	19,293,800	18,893,758	-2,320,742	-400,042
Defense Agencies.....	6,833,197	6,696,797	6,300,040	-533,157	-396,757
Army Reserve.....	793,100	789,800	769,298	-23,802	-20,502
Navy Reserve.....	975,900	907,500	869,847	-106,053	-37,653
Marine Corps Reserve.....	65,300	64,800	63,218	-2,082	-1,582
Air Force Reserve.....	975,600	927,100	922,100	-53,500	-5,000
Army National Guard.....	1,786,900	1,790,100	1,734,696	-52,204	-55,404
Air National Guard.....	1,932,700	1,783,100	1,790,384	-142,316	+7,284
National Bd for the Promotion of Rifle Practice, Army.....	930	930	4,316	+3,386	+3,386
Military health care ¹	1,740,503	1,569,503	1,679,409	-61,094	+109,906
Claims, Defense.....	155,600	153,100	144,400	-11,200	-8,700
Court of Military Appeals.....	3,400	3,400	3,200	-200	-200
Pan American Games.....	15,000	15,000	15,000	0	0
Environmental restoration, Defense.....	385,900	385,900	346,100	-39,800	-39,200
Humanitarian assistance.....	0	9,000	6,000	+6,000	+3,000
Humanitarian assistance reappropriation.....	0	7,000	7,000	+7,000	0
Total, new appropriation.....	85,773,000	81,354,600	78,102,862	-7,670,138	-3,251,738
Reappropriation.....	0	7,000	7,000	+7,000	0
Total new budget authority.....	85,773,000	81,361,600	78,109,862	-7,663,138	-3,251,738

¹ Previously included under O&M, Defense Agencies.

STOCK FUND FUEL REFUND

In FY 1987, the Defense Stock Fund assumed a net decrease in fuel prices of 7.41 percent from an FY 1986 composite refund rate of \$34.02 per barrel to \$31.50 per barrel. Based on latest fuel prices both FY 1986 and FY 1987 costs are overestimated. Average actual composite fuel prices in FY 1986 are projected to be approximately \$28.00 per barrel which will result in excess stock fund cash balances in FY 1986 of over \$800 million. Additionally, current projections call for an FY 1987 composite rate ranging from \$21 to \$22 per barrel. Under DoD's stabilized rate policy, Stock Fund customers will be charged the budgeted composite rate, and therefore, the Stock Fund will have earned another \$1.8 billion in excess cash by the end of FY 1987.

The Committee recommends that the Stock Fund Fuel account refund \$2,665,123,000 in actual FY 1986 and anticipated FY 1987 cash excesses to their O&M customers. Anticipating this refund, the Committee recommends a corresponding reduction in the O&M accounts.

INDUSTRIAL FUND REFUND

In establishing the rate structure to be charged customers by industrial fund activities in FY 1987, the Department assumed that there would be a net operating loss in the industrial funds of \$310.0

million in FY 1986. Current projections call for a net operating profit of only \$2.9 million, resulting in excess profits of \$312.9 million in FY 1986 and again in FY 1987 under DoD's stabilized rate structure, which would result in total excess profits by September 30, 1987 of \$625,000,000.

In addition, the Department assumed 4 percent inflation in developing its FY 1987 industrial fund rates with an additive cost of \$452,000,000. In conjunction with revised inflation rate assumptions discussed later, the Committee reduces this increase by \$226,000,000.

The Committee directs the Department to refund a total of \$851,000,000 from the industrial funds to the O&M customer accounts. \$751,000,000 of this refund is required to offset like reductions in the O&M accounts. \$100,000,000 of this refund is to be passed through to the O&M, Army account for depot maintenance to be discussed later.

INFLATION ESTIMATES

The Department used the OMB standard inflation rate of 4.0 percent in computing its non-fuel, non-pay related price increases for FY 1987. In FY 1986, DoD requested funds associated with 4.3 percent inflation estimates, however, current FY 1986 estimates of 3.5 percent are anticipated to drop even further as a result of the impact of lower fuel costs on commercial goods and services.

The Committee assumes that, as a result of the impact of lower fuel prices on the commercial sector the FY 1987 standard inflation rate will be 2.0 percent. The Committee recommends a reduction of \$1,113,000,000 in the various O&M accounts as a result of this lower inflation estimate.

FOREIGN NATIONAL EMPLOYEES COMPENSATION

The fiscal year 1987 total foreign national employees compensation program represents a 29 percent increase over the fiscal year 1986 program.

The foreign national employees compensation program has historically experienced lower than budgeted levels. For example, the fiscal year 1985 actual separation liability compensation level was 88.8 percent lower than the budgeted level.

Due to these lower than budgeted levels for foreign national employees compensation, the Committee believes the fiscal year 1987 compensation levels will be lower than budgeted. Therefore, the Committee has reduced foreign national employees compensation by \$412,152,000 as follows:

	Thousands
Army	-\$363,637
Air Force	-43,515
Defense agencies	-5,000
Total	-412,152

In addition, the Committee expresses its concern about the quality of the background investigations that are done in preparation for the issuance of security clearances to foreign national employees. The Committee directs the Department of Defense to ensure

that those foreign national employees needing security clearances for employment, be given a thorough background investigation before the clearance is granted.

PUBLIC AFFAIRS

In FY 1987, all the Services and Agencies of DoD either reduce, or hold constant in real terms, their funding for public affairs from FY 1986 levels, except for the Army and Marine Corps.

The Committee recommends that Army and Marine Corps public affairs funding be held to FY 1986 levels plus inflation, which reduces funding \$400,000 and \$200,000 respectively. The Committee also recommends that the public affairs limitation be reduced by \$600,000.

1984 STOCK FUND ACCOUNTING CHANGE

In FY 1984, the Army and Air Force requested \$194.6 million to implement a change in accounting policy which requires obligation of O&M funds when an order is placed with a Stock Fund and not when the order is delivered. The Congress agreed to the new policy, but reduced the requested funds and directed the Department to fund the change from available resources.

The Army and Air Force did implement the change, however, the source of funding was from the Surplus Fund of the Treasury. The Department's rationale for use of the Surplus Fund account was that the majority of pipeline orders in FY 1984 originated, and should be chargeable to, the expired appropriations of the prior two years. The GAO is in the process of examining this decision and we are awaiting a judgement on the validity of the procedure.

The one area in which the Department did act improperly in this action concerns the amount of the obligations from the Surplus Fund. The original appropriation request was for \$194.6 million to implement this change. When the Department found they had the unlimited resources of the Surplus Fund to call upon, they obligated \$624.6 million. It appears that the Department utilized this opportunity to procure items not originally intended. A case can be made that the Department bought out future requirements with this action and, as such, current appropriation requests are excess to their needs.

The Committee recommends that Army and Air Force purchases from the Stock Fund be reduced by \$90,000,000 and \$15,000,000 respectively.

APPROPRIATED FUND SUPPORT OF MWR ACTIVITIES

Morale, Welfare, and Recreation (MWR) activities impact the entire military community—active duty, reserve, and retired personnel and their dependents as well as civilian employees. Virtually every Department of Defense (DoD) installation (over 900 in the U.S. and 360 overseas) has some sort of MWR program or activity.

Depending upon the nature of MWR activities, some are operated and maintained wholly or predominately with appropriated funds, while others are operated wholly or predominately with non-appropriated funds. DoD establishes Nonappropriated Fund Instru-

mentalities (NAFI's) to provide or assist in providing these activities for military personnel and authorized civilians. Administration of nonappropriated funds is accomplished only through a NAFI established to support MWR activities.

According to DoD policy, appropriated funds can be used for personnel costs for executive control and command supervision, facility maintenance, communications, supplies, equipment, construction, and utilities. Total estimated fiscal year 1987 appropriated fund support for MWR activities is about \$1.4 billion.

Appropriated funds:		Thousands
Army.....		\$650,973
Navy.....		249,171
Marine Corps.....		61,107
Air Force.....		431,057
DoD total.....		1,392,308

Improper use of appropriated funds.—In both 1978 and 1984, the Comptroller General and in 1985, the OSD General Counsel, stated that intra-agency and interagency agreements or orders which effect appropriated fund transfers to NAFI's are improper (58 Comp. Gen. 94; B-214810; May 17, 1985 General Counsel opinion). A June 20, 1985, OSD memorandum directed the Services to comply with the decisions. However, since 1981, the Army and the Navy have improperly used appropriated funds to pay the salary costs of nonappropriated fund employees by using an intra-agency memorandum or order to transfer appropriated funds to NAFI.

The Committee agrees with the Comptroller General decisions and the 1985 OSD General Counsel opinion. The Committee strongly disapproves the establishment of procedures that provide appropriated funds to obtain services from NAFI's without going through established contracting procedures.

Increasing appropriated fund support of MWR activities.—The Department has not followed Congressional direction to minimize appropriated fund support of nonappropriated fund activities. For example, the Air Force has a creative way of increasing appropriated fund support of nonappropriated fund activities. They have increased appropriated fund support of revenue generating activities (golf courses, bowling centers and open messes) by 68 percent from fiscal year 1981 through fiscal year 1985. The resulting increased revenues from these activities (\$21.7 million in fiscal year 1985) support other MWR activities. This method of funding results in the "laundering" of appropriated funds through revenue producing activities to non-revenue producing activities.

Furthermore, while the Committee agrees that the judicious use of appropriated funds to support revenue-generating MWR activities is beneficial in overseas locations, the Committee questions the Service's need to support revenue-generating activities at CONUS locations, especially those located in large metropolitan areas. In large metropolitan areas in the United States, the MWR activities on military installation must often compete with very lucrative businesses just outside the gates. Therefore, certain revenue-generating MWR activities may actually lose money if located in large metropolitan areas. Additionally, these activities appear less essen-

tial in promoting morale when the Service members are using public entertainment facilities.

Committee direction.—Nonappropriated funds represent the contribution of DoD personnel for the partial support of their own MWR programs. To the extent that NAFIs are reimbursed for their services, or the Air Force "launders" appropriated funds, the financial burden for MWR activities shifts from the beneficiaries to the taxpayer. The Committee believes it can no longer afford to do this.

Therefore, the Committee directs the Department to:

(1) Submit a report detailing the requested (as shown in prior year OP-34 budget submissions) and the actual (or year-to-date) obligations of appropriated funds in support of nonappropriated fund activities for fiscal years 1981 through 1987 and the budgeted appropriated support for fiscal year 1988 by June 30, 1987.

(2) Issue new policy guidance that will: (a) minimize appropriated fund support of nonappropriated fund activities. The improper and "creative" use of appropriated funds to supplement MWR activities should be addressed and curtailed by this policy; (b) by April 1, 1987, suspend the use of appropriated funds that support revenue-generating MWR activities in large metropolitan areas in the 50 United States.

A report detailing which activities and areas will be effected by the policy changes and the impact on appropriated fund support, should be submitted to the Committee by May 1, 1987. Based on this change, the Committee has made a total reduction in the Services' Operation and Maintenance accounts of \$139,231,000 for support of revenue-generating MWR activities.

(3) Submit a report by September 1, 1987, on the feasibility of privatizing revenue-generating MWR activities located in the 50 United States.

MILITARY HEALTH CARE

The functions of the approximately \$10.8 billion military health care system are twofold: 1) to provide high quality peacetime health care to the 2.2 million active duty service members, while maintaining wartime medical requirements; and, 2) provide high quality health care to the approximately 8 million active duty dependents, retirees, their dependents and survivors. When care is not available through the "direct care" system—the military medical facilities—the Civilian Health and Medical Program of the Uniformed Services (CHAMPUS) is utilized on a cost sharing basis.

Funding.—In fiscal year 1986, the Department of Defense (DOD) budgeted a total \$9.887 billion for medical activities. During execution of the fiscal year 1986 budget, the Services have experienced at least a \$21 million shortfall in their funding of Uniformed Services Treatment Facilities (USTF's) and CHAMPUS has experienced an estimated \$400 million shortfall. Both of these funding shortfalls were due to a variety of reasons including reductions for the Gramm-Rudman-Hollings legislation and nonprogrammatic congressional reductions. However, the major reason for the CHAMPUS funding shortfall was the transferring of workload from the "direct care" system to CHAMPUS. While the military treatment facilities experienced a drop in workload as CHAMPUS received an

increase in workload, the Services' emphasis on many initiatives, including higher quality of care, precluded reductions to the direct health care system to fund the CHAMPUS shortfall.

While the fiscal year 1986 funding difficulties represent only a portion of the DOD medical care budget, these difficulties point to a systemic weakness in the budgeting process: lack of coordination and control between the Services and the Office of the Secretary of Defense (OSD).

To solve these control and coordination difficulties, the Assistant Secretary of Defense for Health Affairs (ASD(HA)) testified on the need for a single defense medical budget with control over the approximately \$10.8 billion budgeted in fiscal year 1987 for all DOD medical activities. The Committee is opposed to a single defense medical budget. The Committee believes the ASD for Health Affairs can control the Services' expenditures on medical programs through oversight during the OSD budgeting process including the Program Objective Memorandum (POM) and the Program Budget Decision (PBD) phases.

However, there is one aspect of the medical programs budgeting process that the Committee directs the DOD to change: CHAMPUS funding. The Committee directs the Department to fund CHAMPUS expenses by reimbursement from the Services based on utilization. As envisioned by the Committee, CHAMPUS would become a revolving fund with financial control based at the Office of the Secretary of Defense (OSD) level. The Committee has funded a proposal by the House Armed Services Committee to accomplish the type of changes requested by this Committee. The Military Health Care account is discussed later in this report.

CHAMPUS Reform.—In fiscal year 1985, the Army tested a creative approach for the provision of off-base primary care—PRIMUS. This approach includes contracting with a private firm to provide first level medical care to qualified recipients of military health services. Initial cost data indicate that PRIMUS is more competitive than the direct health care system and less costly than CHAMPUS. Based on the relative success of the PRIMUS concept, the Army plans to expand its use in 1987 and the Navy plans to implement an unprecedented four such clinics in 1987.

The PRIMUS concept, on a small scale, represents the major change envisioned by DOD for providing health care to the military beneficiaries, retirees, their beneficiaries and survivors: Contracting for health care. This reform initiative, currently entitled IMPRINT, will replace CHAMPUS with regional contractors, or possibly one contractor, responsible for contracting with local health care providers to provide care to dependents and retirees. The objective is to establish fixed costs in the private sector for military beneficiary health care.

While the Committee agrees that CHAMPUS costs are higher than necessary and the Department should certainly take advantage of the current pricing of medical care, the Committee has many concerns. Put bluntly, the Department's plan to have this new program in place at the beginning of fiscal year 1988 is overly ambitious. There are too many important items that have not been finalized and too many items that keep changing focus, for the Committee to be comfortable with the Department's current plans.

Additionally, while it is logical to assume that costs under IMPRINT would be less than CHAMPUS, the Committee has not received any data from DOD to substantiate this claim. The Department's plans to replace CHAMPUS with IMPRINT will not allow for true cost comparison. More importantly, complete disestablishment of CHAMPUS does not provide for a "fall back" position that would ensure military health care, should the alternative experience problems or shortfalls.

Therefore, the Committee directs that starting no later than June 30, 1987, the Department conduct a two-year test of Project IMPRINT-type CHAMPUS alternatives in two different regions or subregions of the United States. At least one such test should be located in an area of uniformed services beneficiary population in excess of 30,000 where no inpatient military treatment facility exists, where there are significant geographic barriers, and where a significant portion of the uniformed services population resides and is employed outside a military treatment facility catchment area. The test should demonstrate a centrally managed comprehensive health care system that can be provided at a reduced cost and that would enhance existing services for both inpatient and outpatient care.

If the results of these tests are positive, the test should be considered the first phase of a multi-phased implementation of a CHAMPUS alternative such as IMPRINT. The Committee believes that if this approach is taken, there will still be a CHAMPUS program to fall back on for health service and a control group with which to compare health care costs.

Furthermore, the Committee directs the DOD to submit the following:

- (1) A study done by DOD on the cost-benefit of implementing the CHAMPUS alternative currently titled IMPRINT. This analysis should be submitted to the Committee within 30 days of the release of this report.

- (2) A detailed report on the implementation of the regional or subregional IMPRINT tests. This should be submitted by September 30, 1987.

- (3) A report on the expenditures through fiscal year 1986 and fiscal years 1987 and 1988 planned expenditures, for all costs associated with developing, designing and implementing the CHAMPUS alternative, currently titled IMPRINT. This report should be submitted to the Committee by June 1, 1987.

CHAMPUS—Medicare Link.—The fiscal year 1987 budget included a reduction of \$171,000,000 contingent on passage of legislation that would allow the per diem charge currently used for collections under the Federal Medical Care Recovery Act, diagnosis related groups, fee schedules and other related charges, to be used by the Department of Defense to pay charges under CHAMPUS. The appropriate legislation was included in the Consolidated Omnibus Budget Reconciliation Act of 1985.

The Committee, however, is concerned that the actual savings will not be as great as budgeted. The Department has not yet completed the development of the new rate structure and it has become apparent that new rates will not be ready for implementation until much later in the fiscal year. Based on this factor and

the fiscal year 1986 CHAMPUS cost increase, the Committee has decided not to act on the budgeted \$171,000,000 savings, making it available for CHAMPUS obligations, contingent on authorization.

Medical Readiness.—In fiscal year 1986, the Appropriations Committees provided \$125.9 million above the budget request for medical readiness. The funding supported the purchase of deployable medical systems (DEPMEDS) beyond the budgeted level.

This Committee agreed with the additional funding due to our commitment of improving medical readiness. However, subsequent reports by the General Accounting Office (GAO) and this Committee's Surveys and Investigations (S&I) staff, indicate the procurement of the DEPMEDS may be, at present, a wasteful venture.

According to the S&I report, while over 50 percent of the DEPMED's units have been funded and are on order, chronic needs for readiness and sustainability components have yet to be accurately identified and corrected. Major support component problems, especially shortage of medical personnel, call into question the Department's ability to effectively use the equipment.

Further support shortfalls, including host nation support, were highlighted by both the S&I staff and the GAO staff. Host nation support agreements are the necessary ingredients to the prepositioning of DEPMED's in foreign countries for use by the United States during wartime. Many of the agreements that would be needed to preposition additional and in some cases procured units, have yet to be negotiated.

While the Department claims it can procure DEPMED's units now and store them in the United States until such time as a mobilization is ordered, the Committee questions this argument based on the nonavailability of both inter- and intra-theater airlift. While the Air Force and the Joint Chiefs of Staff have been studying airlift requirements since 1983, this Committee has seen no data to confirm or deny its suspicions. However, the Air Force has said that, "(If) DEPMED's (are) stored beyond the point of anticipated usage, they will be of no value to the war effort because airlift will not be available to transport them to other chosen locations."

It appears to the Committee that further buys of DEPMED's may no longer equate to improving medical readiness. The program remains without firm control from the Assistant Secretary of Defense for Health Affairs and without coordination and cooperation on the part of the Services. It appears that the Department is not working hard enough to make this a successful program.

Therefore, the Committee must make a move to slow down the procurement of the DEPMED's units to give the Department time to solve the variety of readiness and sustainability problems cited in both the S&I and GAO reports. Accordingly, the Committee has reduced the following accounts:

Army:	
8 general hospitals:	
Other procurement	\$74,400
O&M	60,400
1 300-bed station hospital:	
Other procurement	4,400

O&M	1,600
Total.....	140,800
Navy:	
3 500-bed fleet hospitals (communication zone):	
Other procurement.....	91,800
O&M	9,000
Total.....	100,800
Air Force:	
2 500-bed hospitals (communication zone):	
Other procurement.....	21,250
Stock fund	10,050
O&M	4,000
Total.....	35,300

Furthermore, the Committee directs the Department to establish a revised DEPMED's procurement schedule based on availability of medical manpower, support equipment and supplies and host nation supports agreements. The Department should furnish this report to the Committee by June 1, 1987.

Quality of Care.—The Committee is pleased with the efforts the Department has made with improving the quality of care received in the medical treatment facilities. The Committee recognizes the tremendous financial and workload burden this has been.

However, we are concerned that the Services, in particular the Navy, are accomplishing this increased quality to the detriment of the total medical programs funding profile, most notably CHAMPUS. When the Services wish to increase their quality of care and need additional resources to do so, they should request funding in the current budget request or, if necessary, seek a reprogramming from available resources. The Committee cannot tolerate increased Service expenditures for quality at the expense of other DOD medical programs.

Additionally, the Committee is concerned that the medical community, in the name of improved quality of care, is relieving the Medical Service Corps (MSC) officer and the enlisted corpsmen of their responsibilities. The Services must rely on the MSC and the corpsmen to perform vital roles in both peacetime and wartime medical care. If the medical community continues to reduce their responsibilities, the Committee fears it could be faced with a decreasing number of these skilled people as they become more dissatisfied with their jobs. While the Navy has recently implemented a comprehensive professional career program designed to encourage health care management, the Committee is dubious over the participation of the MSC.

Funding for Drug and Alcohol Abuse.—In the fiscal year 1986 Appropriations Bill, the Committee directed the Department to submit a report on the feasibility of centralizing operation and maintenance (O&M) funding for drug and alcohol abuse. The Department submitted the required report and has convinced the Committee that centralization of the funding is not the best approach. However, the Department is requested to include a single budget exhibit to detail each Service's prior year, current year and budgeted year funding for drug and alcohol abuse. This budget ex-

hibit should be structured like the charts provided to the Committee with the March 31, 1986, report on drug and alcohol abuse funding. This budget exhibit should be submitted with the fiscal year 1988 budget and future fiscal year budget requests.

Hospital Ships.—The Committee directs that in fiscal year 1987, no more than the amount appropriated be obligated for the Navy's hospital ship program. Furthermore, the Committee requests the Department to submit, by June 1, 1987, a report on the planned mission, staffing and funding for this program for fiscal years 1988-1992.

Uniformed Services Treatment Facilities (USTF's).—The Committee is concerned that the government's costs for the Uniformed Services Treatment Facilities (USTF's) continue to escalate at an alarming rate. From fiscal year 1983 to fiscal year 1985, USTF costs rose over 129%. The fee-for-service reimbursement mechanism clearly does not provide sufficient incentive for these facilities to control utilization and consequently, to control the government cost for USTF's. Therefore, the Committee concurs with House Armed Services Committee (HASC) direction to limit fiscal year 1987 expenditures for USTF payments to \$114,000,000.

To achieve this reduction, the Committee expects the USTF's to work with the Department in negotiating fixed amount payment mechanisms like the flat-rate payment mechanism negotiated in 1984 with the Pacific Medical Center in Seattle, Washington.

Reductions made by this action should apply to payments for those USTF's that have experienced the largest cost growth and have not negotiated new contracts that are more favorable to the government.

Dependent Dental Care.—The fiscal year 1986 Department of Defense Authorization Act contained authorization (section 651) for the Secretary of Defense to establish a dental insurance program for spouses and children of active duty service members. However, no contracts could be signed or funds obligated until September 30, 1986, to initiate this program.

The fiscal year 1987 budget included approximately \$79,000,000 to fund the dental care program for a full year. The Committee has provided only \$18,000,000 for the dependent dental care program because the Department claims that the program could not be implemented until August 1987.

CIVILIAN MANPOWER

In fiscal year 1985, the Appropriations Committees took the initiative to provide the Department of Defense (DOD) greater management flexibility by prohibiting the use of end strength ceilings in the management of civilian manpower. The Committees agreed that civilian manpower ceilings promoted inefficiencies. In fiscal year 1987, the Committee does not agree to the budget request to delete language which prohibits funds to impose civilian personnel ceilings on DOD activities, and has again included a general provision, section 9043, which prohibits the use of end strength ceilings in the management of civilian manpower.

There has been a great deal of concern about the growth of approximately 41,000 civilians, and \$800 million, between the original

fiscal year 1985 budget request and the actual fiscal year 1985 experience. The greatest share of the \$800 million cost overrun belongs to the Navy which exceeded its fiscal year 1985 budgeted levels by \$500 million. There were three major reasons why this occurred: Naval shipyard employment was not reduced as drastically as budgeted; Navy research laboratories experienced higher than budgeted workloads and therefore hired 2,700 more civilians, mostly scientists and technicians; and, Navy ordnance plants improved security by hiring 1,800 additional civilians. In fiscal year 1985, the Army spent \$300 million more than budgeted on civilian manpower. The increase was largely driven by an unbudgeted \$800 million authorized project for the Corps of Engineers that required an additional 1,300 civilians, the replacement of military personnel with low cost temporary civilians in positions that were not military essential and unbudgeted requirements to maintain production lines, based on congressional direction, which added 6,500 civilians.

The Air Force hired 7,399 more civilians and spent \$100 million less than they requested in fiscal year 1985. At the same time, the Defense Agencies hired 1,409 more auditors, inspectors and quality assurance personnel for no more than the \$2.7 billion originally requested for civilian manpower.

The experience of the Air Force and the Defense Agencies supports the Committee's belief that operating without end strength ceilings can work efficiently, if properly managed.

The Committee notes that the fiscal year 1987 Annual Report to the Congress by the Secretary of Defense states:

As a result of Congressional action, in FY 1986 we are not operating under any end strength ceiling on the number of civilians . . . We welcome this opportunity to demonstrate that we can manage all our programs more effectively without statutory end-of-year employment restrictions.

The Annual Report notes that earlier exemptions for industrially funded activities and civilian technicians provided benefits due to a greater ability to respond to unexpected workload changes, elimination of the need to drop workers from the rolls, temporarily, and freedom to devote more emphasis to employee training and contract monitoring. It notes that these activities did not hire more civilians than were required to complete funded work.

The Committee continues to believe that the proper way to control manpower levels within the Department of Defense, is to consider civilian manpower a readiness program. If growth in the program becomes an area of concern, capping employment levels is not the answer; cutting back on the funding request is. However, many other readiness-enhancing programs, including the Navy's plan for 600 ships and a DOD-wide program to convert non-military-essential positions from military to civilian to free-up military personnel for other duties, must rely on increased civilians and therefore cut backs in manpower funding mean cut backs in other DOD programs.

The Committee has reduced the fiscal year 1987 Department of Defense funding request for civilian manpower employment and compensation by approximately \$750,000,000. Approximately

\$556,152,000 of this reduction is due to cut backs in new-start programs and program growth budgeted for fiscal year 1987, including an 18 percent reduction in program growth for foreign national employees compensation. Approximately \$190,000,000 of the total reduction is a general reduction applied to the Services and should be available through aggressive manpower management.

Despite the provision of law and the positive statements from the Secretary of Defense, there are repeated reports that the services have in fact been imposing civilian personnel ceilings on activities. The Committee directs the Secretary of Defense to report whether in fact the Department is in compliance with this provision and to what extent ceilings have been imposed internally by the services.

The Committee directs that funding for medical personnel should not be subject to the \$190,000,000 undistributed reduction. Furthermore, while the reduction is made in the operation and maintenance accounts, the Services are free to manage civilian manpower in areas funded with other than operation and maintenance funds in order to achieve the reduction imposed by this Committee.

PRODUCTIVITY ENHANCEMENTS

During the execution of the fiscal year 1986 budget, the Department of Defense was required to find savings in its operation and maintenance accounts of \$3.8 billion. To achieve a majority of these savings, the Department put emphasis on managing the funds designated for the civilian workforce. Managers within the Department chose to administer their civilian employment plans with a judicious use of temporary employees, overtime and programs to increase productivity.

To help increase productivity in fiscal year 1986, this Committee encouraged the increased use of productivity gainsharing programs throughout the Department of Defense. Concurrently, the Committee tasked the General Accounting Office (GAO) to review the status of productivity gainsharing efforts in the Department of Defense. The GAO specifically looked at past and ongoing gainsharing efforts, resulting productivity benefits, and barriers to successful gainsharing programs.

According to GAO, "The primary objective of gainsharing programs is to create conditions under which workers and management benefit by moving on parallel paths towards the common goal of improved productivity." Two major impediments or barriers, to gainsharing efforts actually producing increased productivity, are the lack of specific legislation authorizing such programs and the absence of Office of Personnel Management (OPM) policies and guidance.

Furthermore, while there is no legal authority which permits the use of administrative leave as an incentive, there is no specific prohibition in law or regulation that denies its use. This is an impediment to the Department for it reduces a manager's flexibility when designing and implementing productivity gainsharing programs. Additionally, it eliminates an employee's freedom of choice with regard to which type of incentive award (monetary, time-off, or even merchandise) is most important to them.

Therefore, the Committee determined that we must again give impetus to productivity efforts by:

(1) Encouraging the Department to continue its testing of productivity gainsharing efforts. The Department should continue working with OPM to develop policy and guidelines for PGS. The Committee would like to see both individual/small group gainsharing programs and large group/organizational, participative gainsharing programs tested.

(2) Including a general provision (Sec. 9090) that will allow the Defense Logistics Agency (DLA) to test the use of administrative leave as an incentive option during productivity gainsharing efforts.

(3) Stating that it is the Committee's belief that efforts to improve productivity are tools of manpower management. Managing manpower in the Department of Defense is a function of responsible budgeting and requirements determination. Increased productivity should be expressed as monetary savings and revised manpower requirements.

The Office of the Secretary of Defense (OSD) should continue to monitor all productivity gainsharing efforts. The Committee directs OSD to report back by September 30, 1987 on the manpower and productivity impact of DLA's use of administrative leave as an incentive.

In the fiscal year 1986 Department of Defense Appropriations Bill report, the Committee directed the Assistant Secretary of Defense for Force Management and Personnel (FM&P) to report on DLA's developmental and implementation plans for executing the initiatives addressed in the fiscal year 1986 report. The Committee directs these reports be provided no later than September 30, 1986.

PRODUCTIVITY ENHANCING CAPITAL INVESTMENTS

Since 1975, the Department of Defense (DOD) has operated the Productivity Enhancing Capital Investment (PECI) program. The primary objective of the PEGI program is to improve the efficiency of operations, functions and organizations by financing modern tools, technology and facilities. Through the PEGI program, the Department has dedicated funds for high payoff capital investments to improve organizational or functional output/input ratios.

The DOD fiscal year 1987 request for the PEGI program is \$257.2 million, broken down into three major programs: Productivity Enhancing Incentive Fund (PEIF), \$35.2 million; Productivity Investment Fund (PIF), \$176.2 million; and, Component Sponsored Investment (CSI), \$45.8 million.

The Committee is supportive of the concept of using capital investment opportunities to increase the productivity of the DOD workforce. However, both DOD and the General Accounting Office (GAO) have identified shortcomings in substantiating the reported savings. Further shortcomings result from congressional action on individual items, inadequate program management on the part of the Services, funding levels that are not sufficient to accommodate all the valid opportunities, and poor obligation rates.

The Committee dislikes the way the Department uses the savings generated from the PEGI program for "unfinanced requirements".

It is the Committee's position that if requirements are unfunded, the Department has made a conscious decision to fund other high priority items. These unfunded requirements may be long-vacant positions that are dropped from the "required" list due to the PEGI purchase of microcomputers for a work group. In cases like this, it is questionable whether any actual savings to the government occurred. How can savings occur when no government funding is replaced by savings generated by the PEGI purchase?

In future PEGI program status reports issued by the Defense Productivity Program Office, the Committee wishes to see any claimed manpower savings expressed in terms of budgeted and funded manpower.

An additional criticism of the PEGI program, especially the PEIF component, is its use in purchasing microcomputers. While it is assumed the use of microcomputers will enhance productivity it is an interesting phenomenon that work expands to meet the capability of the microcomputer instead of using the microcomputer's capability to allow the original amount of work to be accomplished by fewer people. Therefore, manpower needs never decrease and increased productivity is not realized.

There is a further criticism of the use of PEIF funds to purchase microcomputers. The Services often use PEIF funds to avoid time delays and procurement reviews inherent in the program/budget/appropriation process. A common complaint is that it takes too long to purchase a microcomputer. The Committee strongly disapproves the Department's use of investment funds dedicated to increasing productivity, simply as a means to avoid procurement and budget time tables. The Department has found ways, including requirements contracts, to purchase microcomputers in large quantities. The Committee would prefer means, other than PEGI funding, be used to purchase microcomputers if true productivity savings cannot be verified.

The Committee is pleased to see the progress made by the Defense Productivity Program Office in addressing the concerns of both the Committee and GAO. The June 1986 PEGI Program Status Report indicates new measures are being initiated to increase management oversight of the Program and improve obligation rates.

TRAVEL

The following chart depicts funding for travel identified in the Services' O&M accounts for FY 1986 and 1987, and the real growth in FY 1987.

(In millions of dollars)

	Fiscal year—		Real growth, 1986-87
	1986	1987	
Army	679.8	668.1	-21.6
Navy	301.1	308.4	+3.4
Marine Corps	69.0	74.6	+5.5
Air Force	516.5	522.1	-2.9
Defense Agencies	194.2	221.5	+20.7

(In millions of dollars)

	Fiscal year—		Real growth, 1986-87
	1986	1987	
Army Reserve.....	71.2	82.2	+9.4
Navy Reserve.....	16.0	17.4	+1.2
M.C. Reserve.....	5.9	5.9	-0.2
A.F. Reserve.....	9.0	9.4	+0.3
Army Guard.....	39.1	44.2	+4.3
Air Guard.....	18.3	18.7	+0.1

The Committee believes that Navy travel is excessive considering transfer of missions to the Navy Reserve. Navy Reserve travel growth since FY 1985 has been 21 percent which appears to exceed the growth in mission. Defense Agencies travel growth has been 41 percent since FY 1985, which appears excessive. Army Guard and Reserve travel budgets have grown by 76 percent and 28 percent respectively since FY 1985, far exceeding any growth in mission.

The Committee recommends that growth in travel of the Navy, Marine Corps, Defense Agencies, Army Reserve, Navy Reserve and Army Guard in FY 1987 be reduced by 50 percent for a total reduction of \$22.4 million.

AVERAGE FLYING HOURS

Total DoD flying hours increase by 235,000 in FY 1987, resulting from an increase of 583 aircraft (+154,600 hours) and a net increase in the average flying hours per aircraft (+80,398 hours). All of the Services have experienced healthy growth in the average flying time for their pilots since FY 1980 which has resulted in improved readiness and fewer accidents. The Army, Army Guard, Air Guard and Air Force Reserve request no growth in their average flying time in FY 1987, while the Navy, Air Force, Army Reserve and Navy Reserve all request further increases in average flying hours.

While the Committee does not recommend any cutbacks from current flying levels, it believes additional growth is unnecessary at this time. The Committee recommends that the Services limit average flying hours per aircraft to the FY 1986 levels. Flying hour funding is reduced as follows:

(Dollars in millions)

O&M, Navy.....	-\$99.8
O&M, Air Force.....	-26.8
O&M, Army Reserve.....	-1.2
O&M, Navy Reserve.....	-2.1
Total.....	-129.9

FOREIGN CURRENCY FLUCTUATION ACCOUNT

The Foreign Currency Fluctuation (FCF) Account was established in FY 1979 in order to cover net losses in direct programs due to unfavorable fluctuations in foreign exchange rates. The continuing decline of the U.S. dollar in relation to foreign currencies, primarily the Mark and Yen, has resulted in the near depletion of

the fund in FY 1986. It is estimated that the FCF account will contain less than \$200 million by the end of FY 1986, far below the \$500 million which the Committee believes is necessary in a normal year to offset fluctuations in currency rates.

The FY 1987 budget request was based on foreign currency rates as of December 1985. Should the foreign currency rates as of June 30, 1986 remain steady throughout FY 1987, the Operation and Maintenance accounts will require transfers from the FCF Account of approximately \$700 million. Since the FCF account has only \$200 million, the Services would be forced to draw down approximately \$500 million in approved programs in order to offset these adverse fluctuations. At a time of constrained funding, a further reduction of \$500 million in the O&M accounts could result in a lessening of readiness.

Current procedures allow for replenishment of the FCF Account out of the operating accounts when net gains are experienced as a result of currency fluctuations, which is not applicable at this time. Additionally, the Department is currently authorized to transfer into the FCF Account prior year O&M unobligated balances before those balances lapse into the Surplus Fund of the Treasury. However, FY 1985 O&M unobligated balances are estimated to be only about \$100 million, far short of the requirement.

Due to the uncertainties of the foreign currency rates, the Committee is reluctant to add \$500 million into the FCF account for FY 1987 because the dollar may grow stronger and the funds will not be needed. However, as a precaution, and in order to avoid any reductions in programs, the Committee recommends inclusion of a general provision (Section 9091), for FY 1987 only, which will allow the Department to transfer in unobligated balances from FY 1983 procurement appropriations to the FCF Account. These FY 1983 procurement accounts will lapse in September 1987 and will no longer be available for obligation and, as such, any unobligated balances will no longer be required for the purposes originally intended. This transfer authority is in addition to other transfer authority provided the Department and should be used only if foreign currency rates remain below budgeted rates.

The fiscal year 1987 foreign currency rates to be used during O&M program execution with regard to the FCF account are those used in developing the FY 1987 request, as follows:

[Units of foreign currency per one U.S. dollar]

Belgium	50.36
Canada	1.40
Denmark	8.97
France	7.54
Germany	2.46
Greece	150.80
Italy	1,678.00
Japan	200.55
Netherlands	2.77
Norway	7.58
Portugal	158.00
Spain	154.00
Turkey	569.65
United Kingdom	.69

PRINTING AND DUPLICATING SERVICES

In fiscal year 1985 the Department of Defense spent an estimated \$600 million for printing and duplicating services, excluding those performed by copying machines. Of these amounts, \$265.7 million is procured commercially, while the remainder is performed in-house.

The Committee's Surveys and Investigations (S&I) staff recently completed a review of Defense printing services and made a number of observations:

(1) Approximately 5 percent of Defense printing needs are classified and require in-house services.

(2) While GPO officials state that it is less expensive for DoD to print commercially than in-house, there was concern expressed by several GPO regional officials that GPO was unable to handle any additional Defense work, especially the low volume, quick turnaround work DoD currently retains in-house.

(3) The Army, Navy and Air Force currently operate over 700 printing and duplicating facilities that employ an estimated 5,000 military and civilian employees. Intra-service consolidation of printing facilities in areas with multiple Defense installations is not receiving the attention it deserves, even though cost savings could be experienced.

(4) The Army and Air Force utilize an O&M funding account that allows the customer or user to determine what will be printed and how quickly it will be delivered without being held accountable or responsible for staying within a printing budget. The Navy, on the other hand, has centralized their printing services under the Naval Printing and Publications Service (NPPS), which operates under industrial fund concepts. NPPS is modeled after private industry and charges individual users for printing services. This industrial fund concept provides an accurate base for proper reimbursement for work performed, fosters efficiency by forcing customers to consider cost impacts in determining the amount and delivery schedule for printing services, and allows for improved management and budgeting for printing requirements.

(5) Concerns were also raised about the move on the part of DoD towards electronic printing. The Services all have plans, in different stages of implementation, to procure automated electronic printing capability. The Army awarded a contract for their version of electronic printing known as 600-S. Concerns raised over the Army's contract centered around the lack of financial analysis to determine the cost or savings to the government. Additionally, the primary users in the field, Major Army Commands (MACOMS) were not consulted on this contract and were not told the amount of start-up costs, recurring costs and the cost per page prior to implementation of the contract. In fact, the MACOMS were not asked to review the proposal until three months after contract award. Army officials at one MACOM advised that a printing job that would cost \$70,000 under competitive bid procedures is costing approximately \$125,000 under the 600-S contract. The S&I staff was further advised that two MACOM commanding generals are preparing a joint letter of protest to the Department of the Army regarding the 600-S program.

The Committee believes that all of the concerns raised about Defense printing services and any unnecessary costs being incurred can be solved by consolidating all printing and duplicating services, currently operated by the military departments, under one defense printing agency. This agency would be operated under industrial fund concepts along the lines of the Naval Printing and Publications Service. Problems involving properly identifying costs to users and eliminating unnecessary printing facilities could be solved under this concept. Additionally, this agency could take the lead in determining defense-wide electronic printing requirements and providing the most cost-effective system for all the Services instead of having Service-unique systems. Any costs in establishing such an agency would be more than offset by increased efficiencies and reduced costs due to consolidation. Furthermore, the Committee believes the inconveniences that may be experienced by Defense customers will be minor when compared to the gains to be had in improved management and cost accounting.

The Committee directs the Department of Defense to establish a defense printing agency with all the equipment, supplies and personnel to be derived from existing printing/duplicating resources now operated by the military departments. The agency will be operated under industrial fund concepts with the customers' operating accounts being billed for services rendered. The Committee believes the existence of just such a system, in the form of the Naval Printing and Publications Service, will facilitate the establishment of the defense-wide agency, and the Department should have the agency established by September 30, 1987. The Department should submit a report to the Committee, by April 1, 1987, on the status of actions taken to comply with this direction. The Department will probably not have sufficient information available to include this change in their fiscal year 1988 budget request, however, since no additional costs are anticipated to implement it, any shifting of funds can be handled in the appropriation process or through re-programmings.

Finally, the Department is directed to halt all funding for electronic printing services until after establishment of the defense printing agency. The agency will be responsible for procuring a defense-wide system, if it proves to be cost-effective.

SURPLUS FUND/M ACCOUNT BALANCES

The Surplus Fund of the Treasury is an account in which unobligated appropriations are "merged" together for accounting purposes after lapsing their original availabilities. These funds remain available for adjustments to existing obligations, but only where the additional obligations do not increase the scope of work for which the obligation was originally created. The Committee's Surveys and Investigations (S&I) staff has identified numerous instances where funds were obligated by the Services from the Surplus Fund in which an apparent increase in scope of work occurred, e.g., the Army increased a contract for repair work, utilizing the Surplus Fund, by doubling the number of trucks to be repaired. The Surplus Fund grew by over 250 percent from FY 1973 to FY 1985 levels of \$25.5 billion. The large increase in the Surplus

Fund resulted from the following: (1) deobligation of funds which had expired, (2) excessive obligations for contingent liabilities, which later fail to materialize, (3) the conversion of procurement and R&D accounts from no-year to a multiple-year availability. Concerns were raised by the S&I staff over possible abuses by DoD of the Surplus Fund. The presence of \$25 billion in this fund and the apparent laxity of the Department in enforcing the "Scope of Work" limitations, makes for a temptation to utilize the funds for purposes not originally intended.

Unliquidated "M" Account balances are funds which have been obligated, but not liquidated, and the appropriations have lapsed for obligation purposes. The "M" Accounts have increased from \$184 million in FY 1973 to \$6.3 billion as of September 30, 1985. The large growth is a result of: (1) the shifting of the composition of the Defense budget to more long term investment items which liquidate over a longer period; (2) inclusion in this account of separation pay for foreign national civilian employees (3) reluctance on the part of DoD to deobligate invalid or overestimated amounts in the "M" account that are no longer required.

The Committee is concerned not only about the ever-increasing amounts in the Surplus Fund and "M" Accounts, but also the possibility that the funds are not properly managed. In order to preclude improper use of these funds, the Committee directs the Department of Defense to implement the following guidance. The Committee expects the Department to comply with this direction by September 30, 1987 and to report back to the Committee by April 1, 1987 on how and when it will be implemented.

(1) The Committee directs the Department to implement the following guidance to the military services/agencies on the use of Surplus Funds:

(a) All upward adjustments of obligations in excess of \$100,000 which involve any individual action or contract, must be reported to and approved by the Service Secretary. There should be no "netting-out" of obligation adjustments, i.e., offsetting upward adjustments with downward adjustments.

(b) Develop a specific definition or series of definitions of "Scope of Work", to be used by the Services in determining whether or not they may adjust obligations utilizing Surplus Fund balances. Where possible, guidance should contain examples of instances both when and when not Surplus Fund balances should be used. In those instances where no clear-cut determination can be made by an activity, the Service General Counsel should make the final decision.

(2) In order to decrease the size of the Surplus Fund, the Department of Defense should submit to the Office of Management and Budget (OMB) a proposal for OMB to develop and submit legislation to the Congress that would allow Federal Agencies to "write down" or eliminate unnecessary Surplus Fund balances.

(3) In order to more properly account for certain obligations, the Department is directed to submit proposed legislation to establish a Foreign National Employee Separation Pay Fund similar in nature to the Military Retired Pay Fund. Establishment of such an actuarially-sound fund would allow for the orderly transfer of separation pay amounts out of the "M" Account. In addition, such a fund

would allow the Service to more properly and accurately budget and account for these payments.

(4) In order to reduce the number of improper or invalid obligations in the "M" Account, the Department of Defense should establish and strictly enforce annual requirements for the Services and Defense Agencies to review unliquidated obligations to ensure they are still required.

LEGISLATIVE LIAISON ACTIVITIES

The Appropriations Committees have long been concerned with controlling the costs of Defense Department legislative liaison activities. Legislative activities must not be allowed to proliferate since they would detract from manpower needed for the combat capabilities of the Services. For many years, the annual Appropriations Act has contained a legal cost ceiling for such activities.

In June 1986 the General Accounting Office published its report entitled "DOD Legislative Activities: Better Guidance, Accountability, and Reporting Needed." It clearly shows that the Department's management of these resources is deficient, in spite of a long history of Congressional, GAO, and DOD Inspector General concerns and recommendations. GAO reports that DOD organizations are not reporting the full extent and cost of their legislative activities. A key reason is the failure of DOD to issue guidance as was required by Congress in 1975 and recommended by the DOD Inspector General in 1982. The Committee also questions the need for so many legislative liaison functions below headquarters level, and the current policy void which evidently allows them to be excluded from the annual cost ceiling.

The Committee directs the Secretary of Defense to report by February 1, 1987 on actions to halt the proliferation of legislative liaison activities, to improve their management, and to require that the legal cost ceiling be administered properly. His report should address the manpower and annual operating budget for each Defense activity which performs legislative liaison activities and whether the Department considers it to be covered by the annual legislative cost cap. In addition, the report should address how each of the concerns in the recent GAO report have been satisfied. The Comptroller General is directed to report by March 1, 1987, whether the Department's management actions are responsive to the Committee.

ANTI-SKID SURFACE COVERINGS

Working conditions, particularly job safety, directly affect the performance and morale of federal personnel. The surface condition of floors, ramps, dock facilities, stairways and sidewalks can significantly increase or decrease job safety. The Committee is aware that there are anti-skid, anti-fatigue surface coverings available at moderate cost and with warranties as long as ten years which, if installed, can substantially improve job safety. The Committee urges the Department of Defense to consider increasing its usage of such surface coverings in new and existing facilities for which it is responsible.

ENERGY ISSUES

CONVERSION/REPLACEMENT OF HEATING PLANTS AT U.S. FACILITIES IN EUROPE

The recent adoption by the Federal Republic of Germany of new environmental laws will require expensive modifications and adjustments to existing combustion-powered utilities throughout the FRG. This includes the coal-fired heating plants at U.S. defense installations. In the present budgetary climate, the future availability of DoD funds to bring these plants into environmental compliance is doubtful. As a result, the House Armed Services Committee included a provision in the Fiscal Year 1987 Defense Authorization Bill giving the Service Secretaries authority to use the German utility system for heating, where practical. This provision would permit conversion to so-called "district heating" connections, provided by utilities servicing local German municipalities.

The Committee agrees with the intent of the Armed Services action. However, the Committee believes conversion to any energy source must be accomplished in the most cost-effective manner. There are alternatives to district heat which may be able to provide the required services at less cost while offering greater security. For example, the Committee is informed that West German industry can construct new technology solid fuels heating systems which will comply with the new FRG environmental regulations. Through the use of existing third-party financing authority, the cost of constructing such systems could be borne by West German industry, at no cost to the U.S. government. In addition, such facilities could be located on the military installation proper, giving U.S. military personnel direct access to and control over their heating facilities, a significant advantage over district heating.

Until the question of cost-effectiveness is resolved, the Committee believes it would be imprudent for the Department of Defense to commence any additional conversions to district heating beyond those projects already specifically approved by the Committee in prior years. Therefore, the Committee directs that no additional conversions to district heat be undertaken without specific Committee approval. Any proposed conversion must be brought to the Committee's attention by the submission of a report. The report will address the question of whether the proposed heating source adequately meets security concerns, particularly assured access. Also, it must be demonstrated to the Committee that district heat (or any other proposed alternative energy source) is the most cost-effective heating source available, including consideration of solid fuels heating facilities constructed on the grounds of the U.S. installation, and funded through use of third-party financing authority.

CONVERSION OF DOMESTIC MILITARY FACILITIES TO COAL-BURNING STEAM PLANTS

Section 8110 of P.L. 99-190 directed the DoD to implement its proposal to increase coal consumption in the United States. This section also specifically directed that by 1994 DoD increase coal consumption in the U.S. by 1.6 million tons annually, and directed

that during implementation of the plan DoD purchases of anthracite coal be maintained at a stable level at 302,000 tons annually.

The Committee encourages DoD to meet these targets, however, the Committee believes that DoD should be guided by its existing practice of using the most feasible and most cost-effective fuel system in the construction of new plants or conversion of existing plants.

PURCHASE OF UTILITIES

The Committee has been made aware of a rule proposed by the Department of Defense and other federal agencies (51 Fed. Reg. 16988-16991) and a change to Section 8.304-91 of the Air Force Federal Acquisition Regulation Supplement which would affect the purchase of utilities by Defense installations. The Committee is concerned about the impact of these proposed rules on local utilities and has included a general provision, Section 9108, which prevents the Department of Defense from implementing or enforcing these rule changes. Furthermore, the Committee directs the Department not to implement additional changes affecting the purchase of utilities until after it has been formally presented to and approved by the Committee.

DEFENSE COOPERATION WITH OIL EXPLORATION

House Report 99-332, which accompanied the Department of Defense 1986 Appropriation Bill, expressed the Committee's concern that Department of Defense activities in the eastern Gulf of Mexico could impede the expeditious search for oil and natural gas on the outer continental shelf. Full consideration should be given to the eastern Gulf of Mexico's status as a largely unexplored region, which could be an extension of our nation's most prolific offshore oil and gas provinces in the central and western Gulf of Mexico.

Because the replenishment and development of domestic oil and natural gas reserves is critical to the Department of Defense mission and our national security, the Committee believes that the Air Force, Army, Navy and all other Department of Defense activities should continue to conduct their activities in cooperation with private industry and their eastern Gulf of Mexico oil and natural gas development efforts.

TRAINING AND OTHER PERSONNEL SUPPORT

Because military personnel issues addressed by the Committee usually involve both the military personnel and operation and maintenance accounts, such items as recruiting, skill training, and military end strength "tails", which are reflected as adjustments in Title II, are discussed as a part of the overall military manpower program under Title I.

GUARD AND RESERVE O&M ISSUES

For convenience of reference, Guard and Reserve O&M issues are discussed earlier in the report under Guard and Reserve Forces.

CLASSIFIED PROGRAMS

Reductions in the operation and maintenance accounts associated with classified programs and changes to the emergency and extraordinary expense limitations are addressed in the classified annex to this report. The Committee expects the Department to apply all across the board reductions proportionally amongst classified and unclassified programs.

REPORT ON MILITARY SITUATION ON KOREA PENINSULA

The Congress makes the following findings:

(1) Peace and stability on the Korean peninsula are vital to United States interests in East Asia and elsewhere.

(2) The United States commitment to the defense of the Republic of Korea is a key element of peace and stability on the Korean peninsula and should be maintained for the foreseeable future.

(3) The Republic of Korea occupies a special place in United States military strategy and force posture, as shown by many factors, including—

(A) the Mutual Defense Treaty of 1954,

(B) the 40,000 members of the Armed Forces of the United States based there,

(C) the combined command structure,

(D) extensive joint war planning and training, and

(E) the high degree of compatibility and interoperability of United States and Republic of Korea forces.

It is the sense of Congress that—

(1) given the severe economic constraints now facing the United States, it is essential to examine the size, cost, and scope of all major United States military commitments and deployments overseas in an effort to identify potential areas for cost-savings without jeopardizing other United States and allied interests;

(2) while United States military relations with other treaty allies (such as member nations of the North Atlantic Treaty Organization, Japan, and the Republic of the Philippines) have been extensively examined and debated in recent years (particularly with respect to relative contributions to the common defense), insufficient attention has been focused recently on the United States military relationship with the Republic of Korea and the potential it may offer for cost-savings;

(3) there is a significant need for more information about, and a closer examination of, the military balance on the Korean peninsula and the role of United States military forces in the defense of the Republic of Korea; and

(4) in light of the economic performance of the Republic of Korea, the United States should be making additional efforts to encourage the Republic of Korea to enhance its self-defense capabilities and that eventual self-reliance with respect to military capabilities is a desirable goal for the Republic of Korea.

The Secretary of Defense shall submit to the appropriate committees of Congress each year, not later than February 1, a report in both classified and unclassified form, containing the following:

(1) An overall assessment of the static and dynamic military balance on the Korean peninsula, citing specific and major military strengths and weaknesses of both the Republic of Korea and the Democratic People's Republic of Korea (hereinafter in this section referred to as "North Korea"), taking into account all active and reserve forces capabilities. The assessment shall include a detailed breakdown, by number and type, of the order of battle for each nation (including comprehensive data on weaponry, manpower, combat readiness, logistics support, sustainability, and mobilization capabilities and quantitative and qualitative comparisons of the respective forces), and such factors as the different force structures and missions of the armed forces of the Republic of Korea and North Korea, geography, terrain, leadership, experience, training, and morale. The assessment should also address the importance of the relative strength of military and civilian industrial and population bases to the military balance on the peninsula.

(2) A determination of whether a militarily significant disparity exists between the military capabilities of the Republic of Korea and North Korea and, if such a disparity exists, whether it has widened during the past ten years and what future trends related to it are likely to be.

(3) An analysis of the following specific issues:

(A) The threat posed by North Korea's commando forces.

(B) The impact on the military balance on the Korean peninsula of the delivery of the MiG-23 aircraft to North Korea and F-16 aircraft to the Republic of Korea.

(C) The implications of the deployment of more North Korean forces closer to the Demilitarized Zone in recent years.

(D) The effect of the diversion of United States Bell helicopters to North Korea.

(E) The strategic importance of North Korea's hardening of military facilities.

(F) The adequacy of the Republic of Korea's intelligence and early warning capabilities.

(4) A comparison of military spending by the Republic of Korea and North Korea between 1970 and 1986 to the extent such information is available to the United States Government through all sources, in current and constant dollars, including measurements of military spending as a percentage of gross national product and of central government expenditures, and per capita military spending. The report should also include an analysis of whether and why the Republic of Korea's increased military spending since the mid-1970s has or has not resulted in a change in the military balance on the Korean peninsula.

(5) An evaluation of the progress that the Republic of Korea has made toward greater military self-reliance during the past decade. The report shall also include a description of the efforts that the United States has made to enhance such self-reliance and an estimate of what level of Republic of Korea military spending, procurement programs, and other defense improvement actions, as well as what level of United States security assistance, will be required for the Republic of Korea to

achieve a meaningful degree of military self-reliance within a reasonable time period that would permit cost-saving changes in the United States force structure in the Republic of Korea.

(6) A detailed breakdown of United States military forces (including personnel, weapons systems, equipment, combat readiness, logistics support, and sustainability) stationed in the Republic of Korea, and their specific missions; an assessment of the relative importance of the various elements of the United States contribution to deterrence and war-fighting in Korea, considering both United States nuclear-capable and conventional forces in the Republic of Korea; an identification of United States forces outside of the Republic of Korea (both in Asia and the Pacific region and in the Continental United States), whose primary mission is reinforcement in Korea and those which have a secondary mission of reinforcement in Korea, the relative importance of these primary and secondary reinforcement forces to the defense of Korea, and the extent to which these forces and capabilities also are assigned military responsibilities in other areas of the world, especially in the Persian Gulf/Southwest Asia region and NATO Europe.

(7) Details on the cost of maintaining United States forces in the Republic of Korea, with specific breakdowns for various elements of the United States presence; details on the cost of the entire United States military commitment to Korea, including the cost of all United States forces which would be used directly or indirectly in a war on the Korean peninsula; and details on the Korean contribution to offsetting the cost of maintaining United States forces in the Republic of Korea.

(8) An assessment of the military threat to the Republic of Korea, including the role that the Soviet Union, the People's Republic of China, and other allies of North Korea and of the role the United States and other allies of the Republic of Korea would play in a future conflict on the Korean peninsula, and whether the likelihood of hostilities that could lead to a military confrontation between the Republic of Korea and North Korea has increased or decreased in the year preceding the release of the report.

(9) A chronology and analysis for the ten years preceding the release of the report of the efforts of the United States, the Republic of Korea, North Korea, the Soviet Union, the People's Republic of China, and any of their respective allies to reduce military tension on the Korean peninsula.

(d) Each report under subsection (c) (other than the first such report) shall include a discussion of significant events and changes with respect to matters required to be included in the report since the last such report.

OPERATION AND MAINTENANCE, ARMY

Fiscal year 1986 appropriations.....	\$18,975,507,000
Fiscal year 1986 adjusted base.....	18,045,707,000
Fiscal year 1987 budget request.....	21,341,870,000
Committee recommendation.....	19,774,531,000
Change.....	-1,567,339,000

The Committee recommends an appropriation of \$19,774,531,000 for Operation and Maintenance, Army. The recommendation is an increase of \$799,024,000 above the \$18,975,507,000 in total obligation authority for fiscal year 1986 and \$1,728,824,000 above the available obligation authority in fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985. The following table summarizes the specific adjustments to the fiscal year 1987 request discussed elsewhere in this report.

The table also identifies how the Committee recommendations compare with specific items adjusted by the 1987 Defense Authorization Act. Differences between authorized and appropriated amounts and adjustments not addressed in the Authorization Act are discussed elsewhere in the report.

(In thousands of dollars)

	HASC authorization	Adjustment recommended in this bill
Stock fund fuel (refund)	-185,700	-185,700
Industrial fund—refund	-60,000	-155,100
Inflation reestimate		-246,000
DEPMEDS funding	-62,000	-62,000
ADP management	-40,000	-60,500
Foreign national employee compensation		-363,637
Public affairs		-400
1984 stock fund accounting change		-90,000
Appropriated fund support of MWR	-20,000	-65,097
Recruiting and advertising	-1,000	-12,765
Equipment modernization		-15,000
Warfare host nation		-7,300
Commissary transportation		-823
Contractor technical support		-10,000
Engineer support		-2,178
RD&E base operations		-4,987
Remote education	-1,000	-2,100
National Board for the Promotion of Rifle Practice (transfer)		-1,887
OB/GYN care		-1,036
Frozen blood program		-1,226
Over 40 Reserve exams		-2,000
Enhanced skill training		-2,424
Specialized training		-3,000
Reception center operational evaluation		-377
Recruit training		-517
One station unit training		-1,290
Classified programs	-7,500	-7,595
Military personnel growth	-100	-100
Civilian pay		-75,500
Cap on USIF funding	-19,400	-19,400
Coordination of benefits	-5,300	-5,300
Health care enrollment	-2,700	-2,700
6th division support	-28,600	-28,600
Flight training	-9,400	-4,700
Force modernization	-20,000	
Flying hours	-6,000	
Authorization growth reductions not otherwise taken	-131,100	-131,100
Total	-599,800	-1,567,339

DEPOT MAINTENANCE OF COMMUNICATIONS—ELECTRONICS EQUIPMENT

For several years the Committee has expressed its concern over the operations at Army Depots responsible for repair of communications and electronics (C-E) components. Prior correspondence from the Army to the Committee has documented the increase in requirements and workload at these depots from FY 1985 to FY 1987 and beyond. However, recent correspondence from the Army identifies funding shortfalls in FY 1986 which result in reduced workload and reductions in manpower in these facilities. The Committee believes it is imperative that the Army's C-E equipment be kept at the highest state of readiness. It is also imperative that this repair of C-E components, as a core logistics function, be performed in-house as much as possible.

To correct the funding shortfall, the Committee directs that \$100,000,000 of the excess industrial fund profits discussed earlier in the report be transferred to O&M, Army to eliminate the depot maintenance backlog. The Committee expects the Army to fully fund its requirement for repair of C-E components. Additionally, in order to ensure the viability of core logistics functions for repair of C-E components, the Committee recommends a general provision, section 9092, which establishes a floor for civilian employment at the three depots performing such work. This floor will allow the Army to maintain an in-house workforce capable of performing essential C-E component repairs.

ARMY ADP

The Army budgeted \$1,571,669,000 for the operation and maintenance of automatic data processing equipment and systems in fiscal year 1987. The Committee proposes a reduction of \$60,500,000 as follows:

[In millions of dollars]

Supercomputers.....	-3.0
Corporate data base.....	-2.2
VIALE.....	-20.0
Commodity control standard system.....	-25.0
Integrated procurement system.....	-7.8
Theater Army Medical MIS.....	-2.5
Total.....	-60.5

Reductions to supercomputers, corporate data base, VIALE, Commodity Control Standard System, and Integrated Procurement System are related to reductions in the Other Procurement, Army appropriation for these programs. VIALE funds are transferred to the Guard and Reserve Operation and Maintenance appropriations for the Continental Army Management Information System (CAMIS) follow-on effort. Theater Army Medical Management Information System funds are not approved since the Army has failed to coordinate its development with the Defense Systems Medical Support Center under the Assistant Secretary of Defense for Health Affairs. These special interest items should be clearly designated on DD Form 1414, Base for Reprogramming Actions for fiscal year 1987.

EQUIPMENT MODERNIZATION PROGRAM

In both FY 1985 and 1986, the Army has overestimated funding requirements for modernization of equipment. Original FY 1985 estimates of \$105,000,000 became actual obligations of only \$79,000,000. Based on actual obligations through March, the FY 1986 program will only require approximately \$80,000,000, versus the Army's original estimate of \$101,000,000. Based on the inability of the Army to obligate the funds provided for equipment modernization, the Committee recommends a reduction in FY 1987 funding of \$15,000,000.

WARTIME HOST NATION SUPPORT

The FY 1987 request of \$11,160,000 for Wartime Host Nation Support was based on the planned activation of 19 West German reserve units. The current activation schedule calls for only 11 units to be activated. The Committee recommends that funding be reduced by \$2,300,000.

COMMISSARY TRANSPORTATION

The Army is projecting growth of over 10,000 measurement tons of supplies for overseas commissaries in FY 1987. The tonnage has remained relatively level for the past several years, there are no programmed increases in the number of commissaries, and no valid justification was provided for the growth. The Committee recommends that funding be reduced for commissary transportation by \$823,000, which will allow for shipments at FY 1986 levels.

CONTRACTOR TECHNICAL SUPPORT

Requested funds by the Army for contractor technical support almost doubles from FY 1985 to FY 1987. The Army appears to be placing too much reliance on contractor support and not enough on developing their own in-house capability. Without sufficient in-house expertise, the Army will be unable to maintain their equipment under wartime conditions. The Committee recommends that funding for contractor technical support be reduced by \$10,000,000.

ENGINEER SUPPORT

An increase of \$2,178,000 is requested for engineering support to fund expanded travel and customer interface associated with the dispersion of the construction mission from the New York to Ohio River Division. If anything, the dispersion of this mission should reduce travel requirements, not increase them. The Committee recommends that the \$2,178,000 requested increase be deleted.

ARMY RDT&E BASE OPERATIONS

In FY 1987 a series of transfers took place between the O&M, Army and RDT&E, Army appropriations concerning Base Operations funding. According to documents provided by the Army, \$22,468,000 was transferred from O&M activities to R&D activities; however, the O&M justification book identifies transfers out of only \$20,374,000. Additionally, the documentation states that

\$13,560,000 was transferred out of RDT&E activities to O&M activities, and the O&M justification only identifies a \$10,667,000 gain. The Committee recommends that the O&M accounts be reduced by the \$4,987,000 that was either not transferred to the R&D account for some activities or transferred from R&D and utilized for other activities.

OB/GYN CARE

The Army has requested \$1,036,000 to increase routine OB/GYN care at Ft. Bragg. Currently, routine OB/GYN care is provided here and at other medical treatment facilities on a space available basis. This request is inconsistent with the Secretary of Defense statement that the Department will concentrate on providing care related to medical readiness in the medical treatment facilities. Furthermore, the Army is increasing its use of contracting for primary care and this can be used to provide OB/GYN care.

FROZEN BLOOD PROGRAM

The Army requested \$1,226,000 to establish and operate frozen blood processing, storage and distribution facilities. This will allow 19,000 units of frozen blood supplies to be prepositioned in Europe.

The storage of these blood supplies at the European sites will require special equipment that will not be requested until fiscal year 1988. Based on the equipment's future requisition date, this request is premature. Therefore, the Committee has made a reduction of \$1,226,000 for the Army's frozen blood program.

RESERVE OVER-40 EXAMINATIONS

The Army requested \$2,000,000 for a new start program, examinations for reserve members that are over 40 years of age.

The program has been approved for active duty members, but there is no evidence that it is necessary in the reserve component. Therefore, the Committee has reduced the request by \$2,000,000 and directs that no funds be obligated for this program in fiscal year 1987.

OPERATION AND MAINTENANCE, NAVY

Fiscal year 1986 appropriations.....	\$24,477,071,000
Fiscal year 1986 adjusted base	23,277,695,000
Fiscal year 1987 budget request.....	25,688,500,000
Committee recommendation	22,993,227,000
Change.....	-2,695,273,000

The Committee recommends an appropriation of \$22,993,227,000 for Operation and Maintenance, Navy. The recommendation is a decrease of \$1,483,844,000, below the \$24,477,071,000 in total obligational authority for fiscal year 1986 and \$284,468,000 below the available obligational authority in fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985. The following table summarizes the specific adjustment to the fiscal year 1987 request discussed elsewhere in this report.

The table also identifies how the Committee recommendations compare with specific items adjusted by the 1987 Defense Authori-

zation Act. Differences between authorized and appropriated amounts and adjustments not addressed in the Authorization Act are discussed elsewhere in the report.

[In thousands of dollars]

	HASC authorization	Adjustment recommended in this bill
Stock fund fuel—refund	—889,700	—889,700
Industrial fund—refund	—70,000	—386,900
Inflation reestimate		—420,000
Travel		—1,700
Average flying hours		—99,800
DEPMED funding		—9,000
ADP management		—14,900
Appropriated funds support of MWR	—9,000	—24,917
Recruiting and advertising		—17,165
Ready reserve fleet		—500
Overhaul advance planning		—56,100
Fleet training flying hours		—45,000
New ship deliveries		—1,500
Service craft maintenance		—1,234
Seastrat hardware		—2,100
Exercise airlift support		—449
Cruise missile engineering support		—5,000
Posidon submarine dismantling	—265,000	—586,000
Recruit training		—394
Naval reserve officer training corps		—250
Officer acquisition		—4,000
Specialized skill training		—538
TACAIR flying hours		—50,000
Training/funding realignment		—16,400
Flight training		—1,395
Other personnel activities		—645
Civilian education program		—100
Off-duty and voluntary education		—2,792
Relocatable OTHR		—2,738
Naval space surveillance system		—2,815
Classified programs	—11,100	—11,991
Civilian pay		—63,050
Military personnel	—11,300	—11,300
Medical programs	—18,500	—18,500
Medical legislative contingencies	—3,100	—3,100
Modernization	—10,000	
Authorization growth reductions not otherwise taken	—23,800	—23,800
Total	—1,311,500	—2,695,273

PUBLIC/PRIVATE SHIP OVERHAUL COMPETITION

The Department requested that the Committee delete the language included in the past several Appropriation Acts concerning a test program to compete ship overhauls between public and private shipyards. In hearings before the Committee, the Navy testified that they no longer consider this public/private competition to be a test. The Navy is firmly committed to this competition and believes that it enhances efficiency in the yards and lowers costs.

Since the Navy has established this public/private competition as an operational concept, the Committee believes it is no longer necessary to continue the bill language and, therefore, has not in-

cluded the language in the fiscal year 1987 Defense Appropriation Bill.

OVERSEAS SHIP REPAIR WORK

The Committee is concerned about the volume of ship repair work now being contracted for overseas and notes that in FY 1985 alone, the Navy spent \$107 million on overseas contracts for ship repair work just for ships homeported in the Pacific area. While the Committee is cognizant of the necessity of contracting emergent work overseas and the need to minimize family separation, it objects to work which is planned well in advance such as overhauls and SRA/PMA's being contracted overseas simply because a ship is homeported there and encourages the Navy to consider the benefits in jobs, balance of payments, and the stabilization of our maritime industrial base to be accrued by conducting some non-emergent work in the United States for ships homeported overseas.

In addition, the Committee has been made aware of instances where ships owned and operated by the Military Sealift Command, which are homeported in the United States, are overhauled for non-emergent work outside of the United States. The Committee believes the need to maintain the U.S. ship repair industrial base outweighs any other reason for contracting this ship repair work overseas. The Committee recommends a general provision, Sec. 9099 which prohibits the repair of ships, normally homeported in the United States, by foreign shipyards, except for necessary, unscheduled emergent work.

FAIRNESS IN SHIP REPAIR COMPETITION

The Committee urges the Navy to give consideration to unique characteristics of public shipyards, including the ability to handle emergency work requirements, in establishing criteria for evaluating competition for overhauls.

NAVY ADP

The Navy budgeted \$1,132,947,000 for the operation and maintenance of automatic data processing equipment and systems in fiscal year 1987. The Committee proposes a reduction of \$14,900,000 as follows:

[In millions of dollars]	
Stock Point Integrated Logistics Communications Environment	-4.3
Naval Air Logistics Command MIS	-8.4
Basis and Stations Information System	-2.2
Total	-14.9

Reductions to these programs are related to reductions in the Other Procurement, Navy appropriation.

READY RESERVE FLEET

In FY 1987 the Navy requests a total of \$31.3 million for dispersal and breakout of the Ready Reserve Fleet (RRF). The \$27.7 million for RRF breakouts not only increases the number of breakouts from 12 to 14 ships, but also expands the scope of the breakouts as

evidenced by the increased average cost from \$1.6 million for both FY 1985 and 1986 to the \$2.0 million cost in FY 1987. Additionally, the Navy has budgeted \$3.6 million for RRF Dispersal, however, this is insufficient to totally fund the full 51 ships programmed for dispersal. The estimated cost to disperse all 51 ships is \$7.5 million.

The Committee recommends that funding for RRF breakouts be reduced by \$4,400,000, which will allow for the requested 14 ship breakouts, but at FY 1986 levels. The Committee directs that \$3,900,000 of the breakout savings be shifted to the RRF Dispersal program, which will fully fund all 51 ships programmed for dispersal. The remaining \$500,000 is recommended as a reduction.

OVERHAUL ADVANCE PLANNING

Funding for advance planning for ship overhauls increases from \$75 to \$163.9 million in FY 1987. Of the requested amounts for FY 1987, \$56.1 million is requested to support the refueling overhaul of the USS Enterprise (CVN 65) to begin in June 1990. It should not take over 3 years to perform advance planning for this overhaul. The Committee recommends that funding be reduced by \$56,100,000.

AIR TRAINING FLYING HOURS

From FY 1983 through 1985 the Navy flew only 95 percent of its funded fleet air training flying hours due to overestimates of pilot training rates. In FY 1987, flying hours increase by over 50,000 or 22 percent over actual FY 1985 hours. In addition, the General Accounting Office reviewed documents used in developing the FY 1987 request and compared aircraft inventories, crew requirements and attrition rates to current Navy estimates. GAO determined that the Navy has overestimated both student loads and training flying hours.

The Committee directs the Navy to reduce training hours by 22,700 which results in a savings of \$45,000,000. FY 1987 flying hours will still grow by 28,000 or 12 percent over FY 1985 actual requirements.

NEW SHIP DELIVERIES

In FY 1987, the Navy has requested \$29.7 million to fund operating costs for 13 new construction ships. Recent changes in ship delivery schedules results in an overstatement of FY 1987 requirements. The Committee recommends that funding be reduced by \$1,500,000.

SERVICE CRAFT MAINTENANCE

The Navy requests an increase of \$1,234,000 for service craft maintenance. According to Navy testimony, this program is a level of effort program and is not budgeted on a project or hull number basis. No valid justification was provided for the increase. The Committee recommends that funding be reduced by \$1,234,000.

SEASTRAT HARDWARE

The Navy requests an increase of \$5,500,000 for the SEASTRAT planning and analysis system. Of this amount \$2,100,000 was identified by the Navy as excess to their requirements in the O&M, Navy account. The Committee recommends funding be reduced by \$2,100,000.

EXERCISE AIRLIFT SUPPORT

An increase of \$449,000 was requested for airlift requirements due to an increase of 6 exercises over FY 1986 levels. Considering that the number of exercises increased by 9 in FY 1986, another increase in FY 1987 is not essential. The Committee recommends funding be reduced by \$449,000.

CRUISE MISSILE ENGINEERING SUPPORT

In both FY 1985 and 1986, Cruise Missile funding requests were overstated. In FY 1986, 19 refurbishments were funded, but only 4 were performed and only 10 operational flight tests were performed when 23 were requested and funded. Based on prior year performance, the Committee recommends funding be reduced by \$5,000,000.

POSEIDON SUBMARINE DISMANTLING

In preparation for the submission of their FY 1987 budget request, the Navy was uncertain of the outcome on deliberations of the status of two Poseidon missile submarines, the Nathan Hale, SSBN 623, and the Nathaniel Green, SSBN 636. The Navy properly budgeted for the most expensive option, the overhaul and subsequent return to the fleet of these submarines at a cost of \$256,000,000. The administration recently announced that these submarines would be dismantled in FY 1986, thus making the FY 1987 funds excess to requirements.

In addition, the Navy has budgeted \$250,000,000 in FY 1987 for the overhaul of two additional Poseidon Submarines—the Alexander Hamilton, SSBN 617, and John Adams, SSBN 620. However, the Administration has yet to decide whether these ships will be overhauled or dismantled.

The Committee, therefore, recommends that the \$250,000,000 for the overhaul of SSBN's 617 and 620 be deleted and a general provision, Sec. 9094 has been included which prohibits the overhaul of these submarines, unless a reprogramming is submitted to and approved by the Committees on Appropriations of the House and Senate.

NAVY TACAIR FLYING HOURS

The Navy TACAIR flying hour request is developed based on the need for an average of approximately 1.5 crew per operational aircraft. For FY 1987 the Navy flying hours assumed certain delivery schedules for new aircraft and the availability of backup aircraft returning from depot maintenance. At the Committee's request, the GAO compared the Navy's budget estimates to current Navy

documents concerning aircraft deliveries and depot maintenance schedules. The GAO determined, based on the latest information, that the Navy has overestimated the number of operational aircraft available for FY 1937 and therefore the number of crews required and the number of flying hours are overestimated. The Committee recommends that Navy TACAIR flying hours be reduced by \$50,000,000 which results in a 3 percent or 29,000 hour reduction from the FY 1987 request, but still allows a 10,000 hour increase over FY 1986.

RELOCATABLE OVER-THE-HORIZON RADAR

As addressed elsewhere in this report, a reduction of \$2,738,000 in O&M, Navy is recommended for ROTH.

NAVAL SPACE SURVEILLANCE SYSTEM

As addressed elsewhere in this report, the Committee is recommending a reduction of \$2,315,000 in Operation and Maintenance, Navy.

BATTLESHIP TEXAS

The Committee directs the Department of the Navy to provide assistance to the State of Texas for the restoration of the Battleship Texas of no more than \$5,080,500 from any existing funds provided in the bill. The Committee notes that the Navy was able to provide full funding to the U.S.S. Constitution and the U.S.S. Nautilus. The Battleship Texas is in need of immediate structural repairs to avoid complete deterioration of the ship. The Battleship Texas Advisory Board of the State of Texas in conjunction with the State's sesquicentennial celebration is presently seeking to raise \$10,000,000 for the restoration of the battleship. Due to the recent economic downturn in the state and the impending fiscal crisis, both private and state donations are less than originally anticipated. Therefore, the Board seeks assistance from the Navy for approximately fifty percent of the necessary funds.

OPERATION AND MAINTENANCE, MARINE CORPS

Fiscal year 1986 appropriations	\$1,612,050,000
Fiscal year 1986 adjusted base	1,533,060,000
Fiscal year 1987 budget request	1,864,100,000
Committee recommendation	1,793,338,000
Change	-70,762,000

The Committee recommends an appropriation of \$1,793,338,000 for Operation and Maintenance, Marine Corps. The recommendation is an increase of \$181,288,000 above the \$1,612,050,000 in total obligational authority for fiscal year 1986 and \$260,278,000 above the available obligational authority in fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985. The following table summarizes the specific adjustments to the fiscal year 1987 request discussed elsewhere in this report.

The table also identifies how the Committee recommendations compare with specific items adjusted by the 1987 Defense Authorization Act. Differences between authorized and appropriated

amounts and adjustments not addressed in the Authorization Act are discussed elsewhere in the report.

(In thousands of dollars)

	HASC Authorization	Adjustment recommended in this bill
Stock fund fuel—refund	-12,600	-12,600
Inflation reestimate		-24,000
Travel		-2,800
Base operations	-2,000	-2,000
Public affairs		-200
Appropriated fund support of MWR	-2,000	-6,111
Recruiting and advertising		-8,851
New construction equipment		-3,400
MPS contractor maintenance		-1,000
MPS BMC		-4,000
MPS training exercises		-4,000
Military personnel support	-1,800	-1,800
Total	-18,400	-70,762

NEW CONSTRUCTION EQUIPMENT

In FY 1987, the Marine Corps requests \$10,437,000 for collateral equipment for new construction projects. Approximately \$3,400,000 of this amount is for projects whose beneficial occupancy date (BOD) is not until December 1987 (FY 1988) at the earliest. The Committee recommends that collateral equipment funding be reduced by \$3,400,000 and directs the Marine Corps to order this equipment in October 1987.

MPS CONTRACTOR MAINTENANCE

The Marine Corps estimates that FY 1987 requirements for Maritime Prepositioning Ships (MPS) contractor maintenance will cost \$14,209,000 for 156 ship months. This appears overstated when compared to FY 1985 actual costs and FY 1986 projected costs. The Committee recommends that funding be reduced by \$1,000,000.

MPS BIENNIAL MAINTENANCE CYCLE (BMC)

During FY 1987 six of the thirteen MPS ships will be recertified as seaworthy, which entails the complete offloading of the ships. The funds requested by the Marine Corps were to recertify seven ships, one more than is currently projected. The Committee recommends that FY 1987 funding be reduced by \$4,000,000.

MPS TRAINING EXERCISES

The Marine Corps plans to have 14 training exercises involving Maritime Prepositioning Ships (MPS) concepts in FY 1987. This is not only an increase in the number of exercises, from 9 in FY 1986, but also the scope of the exercises as evidenced by the increase in funding from \$193,000 to \$370,000 for the 4 CPX exercises to be performed in both FY 1986 and FY 1987. While it is evident that increased funding for more exercises is required as a result of

having all three MPS brigades operational for a full year in FY 1987, it is not quite so evident that the size of the exercises needs to be increased.

The Committee recommends reducing funds by \$4,000,000, which will allow funding only for the increase in number of exercises in FY 1987, but would hold the scope of exercises to FY 1986 levels.

OPERATION AND MAINTENANCE, AIR FORCE

Fiscal year 1986 appropriations.....	\$19,536,813,000
Fiscal year 1986 adjusted base.....	18,579,509,000
Fiscal year 1987 budget request.....	21,214,500,000
Committee recommendation.....	18,893,758,000
Change.....	-2,320,742,000

The Committee recommends an appropriation of \$18,893,758,000 for Operation and Maintenance, Air Force. The recommendation is a decrease of \$643,055,000 below the \$19,536,813,000 in total obligational authority for fiscal year 1986 and \$314,249,000 above the available obligational authority in fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985. The following table summarizes the specific adjustments to the fiscal year 1987 request discussed elsewhere in this report.

The table also identifies how the Committee recommendations compare with specific items adjusted by the 1987 Defense Authorization Act. Differences between authorized and appropriated amounts and adjustments not addressed in the Authorization Act are discussed elsewhere in the report.

(In thousands of dollars)

	HASC authorization	Adjustment recommended in this bill
Stock fund fuel—refund.....	-1,254,300	-1,254,300
Industrial fund—refund.....	-70,000	-189,000
Inflation reestimate.....	—	-280,000
Average flying hours.....	—	-26,800
ADP management.....	—	-18,900
DEPMEDS.....	—	-4,000
Foreign national employees compensation.....	—	-43,515
1984 stock fund accounting change.....	—	-15,000
Appropriated fund support of MWR.....	-17,000	-43,106
Recruiting and advertising.....	—	-4,006
Flight charges for DOD shuttle missions.....	-268,800	—
Vandenberg shuttle launch site.....	-204,200	-100,000
Other shuttle support costs.....	-40,000	-40,000
Satellite early warning system.....	—	-5,500
AMRAAM ICS.....	—	-1,212
Procurement operations—manpower.....	—	-3,184
CSA flying hours.....	—	-3,000
T-33 maintenance.....	—	-5,000
Titan missile.....	—	-2,000
Historian program.....	—	-3,316
SAC down upgrade.....	—	-2,058
Compass call.....	—	-1,867
Minuteman engineering.....	—	-2,097
Strategic forces BOS.....	—	-10,000
Surveillance radars.....	—	-30,000
Space track support.....	—	-2,000
TR-1 program.....	—	-10,000

(In thousands of dollars)

	HASC authorization	Adjustment recommended in this bill
TAF management HQ		-10,000
CSOC		-3,000
REDCOM command post		-2,000
Tactical C2 systems		-3,000
Industrial preparedness		-1,200
FTS charges (recruiting)		-3,300
TAF base and command C3		-2,898
F-4/F-16 flying hours		-11,740
KC-135 flying hours		-6,300
B-52 flying hours		-6,400
Recruit and specialized training		-50,085
Flight training		-13,500
Education and training-health care		-550
Training support activities		-1,247
Space training		-2,000
Air Force Institute of Technology		-1,849
Classified programs	-9,700	-10,011
6594th test group		-7,000
Air Force technical support		-3,000
PLSS CLS		-4,301
Military personnel support	-900	-900
Medical programs	-19,100	-19,100
Medical legislation	-3,900	-3,900
Modernization growth	-32,800	-32,800
Civilian pay		-20,800
Total	-2,320,742	-1,920,700

AIR FORCE ADP

The Air Force budgeted \$1,708,552,000 for the operation and maintenance of automatic data processing equipment and systems in fiscal year 1987. The Committee proposes a reduction of \$18,900,000 as follows:

(In millions of dollars)

ASAT operational mission center	-1.8
1st Information Systems Group	-7
MAC Integrated Management System	-16.4
Total	-18.9

The ASAT mission control center will not be operational in fiscal year 1987, so funds are not needed. Air Force testimony on automation for the 1st Information Systems Group shows that less funds are now needed than were budgeted. Funds for the Military Airlift Command integrated management system are not approved since no oversight review of this major automated information system has been made or is scheduled.

FLIGHT CHARGES FOR DOD SHUTTLE MISSIONS

The FY 1987 request of \$671 million for DOD shuttle missions will provide for 8 new missions in FY 1988, in accordance with the DOD/NASA agreement. \$531 million of this amount results from the formal Memorandum of Understanding (MOU) between the Air

Force and NASA, and the remaining \$140 million was requested for optional service charges. The Air Force currently has credit for 10 Shuttle flights paid for from FY 1983 through 1986, but never flown. If the FY 1987 request is funded, then through FY 1988 DOD will have paid for a total of 18 unflown Shuttle missions. The most optimistic projections call for a total of 9 Shuttle missions, both civilian and DOD between July 1987 and September 1988. Even if all 9 flights are dedicated to Defense missions, NASA will still owe DOD more flights in FY 1988 than they can fly, without the FY 1987 funds.

The Committee is aware that denial of all DOD funds tied to the MOU could result in an unacceptable delay to shuttle recovery. The Committee further understands that the full \$531 million is not required because of a reduction in NASA shuttle operations requirements as a result of the grounding of the shuttle. The Committee, therefore, recommends that \$383,500,000 be provided to DOD for shuttle flight reimbursement to NASA. The following chart displays the Committee's recommendations, by accounts:

(In million of dollars)

	Request	Appropriation	Change
Operation and Maintenance, Air Force	268.8	268.8	0
RD&E, Air Force	32.9	0	-32.9
Missile Procurement, Air Force	297.9	43.3	-254.6
SDI	71.4	71.4	0
Total	671.0	383.5	-287.5

VANDENBERG SHUTTLE LAUNCH SITE

The Vandenberg Launch Site (VLS) for the Space Shuttle is primarily required to provide polar orbits for certain shuttle payloads. The Kennedy Launch Site can provide a much quicker turnaround than VLS for standard shuttle launches and is the preferred NASA launch site.

The Committee believes that, in light of the Shuttle disaster, it is essential that back-up systems be available for launching payloads into space. To that end, we have endorsed the purchase of expendable launch vehicles (ELVs) to supplement the Shuttle. We also believe it is essential to have back-up launch sites. Not only does Vandenberg provide a back-up to the Kennedy launch site for Shuttle flights in general, it also provides a dual means of launching polar orbits, either through the Shuttle or ELVs. The Committee believes that the Vandenberg Shuttle is essential in the long term, but questions the need to keep it fully operational over the next several years. The only requirement before the mid-1990's for polar orbit shuttle launches from VLS are two classified Defense missions. From FY 1987 through 1992, DOD would expend approximately \$2.1 billion at VLS for these 2 Shuttle launches. The Committee understands there are possible work-around/modifications that would allow for polar orbit flights other than through Shuttle launches from VLS. The estimated cost of \$200 million for the

workaround is still much cheaper than the \$2.1 billion cost to keep Vandenberg fully operational.

The Committee has examined several options to downgrade the operations of VLS and it appears that the most cost-effective option would be to place it in an operational caretaker status. Under this concept, a total of 1,200 scientific, engineering and other technical personnel would be employed versus the current 2,500. These personnel would not only maintain the facility and equipment, but more importantly, they would incorporate changes and modifications and keep the facility up to date with Kennedy. Under this concept, the site could be brought up to full operational capability in 18 months and in half that time, if necessary, by utilizing shuttle operations personnel from the Kennedy Space Center. In FY 1987, VLS could not be placed in an operational caretaker status until May 1987 because of the need to finish completion of the site while the experienced workforce is present. However, upon completion of the site, VLS can be downgraded to an operational caretaker status at an annual savings of approximately \$200 million. Full VLS funding must be restored by FY 1993 in order to make the site fully operational by FY 1995 to handle required SDI and Space Station missions. Savings of \$100.6 million in FY 1987 and \$200 million annually from FY 1988 to 1992 for a total savings of over \$1.1 billion can be had by placing VLS in an operational caretaker status.

The Committee recommends that the Department downgrade the Vandenberg Shuttle Launch Site to an operational caretaker status upon completion of modifications and testing of the site, with a resulting reduction in VLS funding of \$100,000,000 in FY 1987.

OTHER SHUTTLE SUPPORT COSTS

The Air Force requests \$133,200,000 in FY 1987 for shuttle support costs not related to orbital flight charges or the Vandenberg Launch Site. The absence of any shuttle flights in FY 1987 reduces funding requirements for these shuttle related programs. The Committee recommends a reduction of \$40,000,000 in FY 1987 funds for shuttle support costs.

SATELLITE EARLY WARNING SYSTEM

Funds in excess of requirements for the FY 1986 Satellite Early Warning System (SEWS) were not identified in time for submission of the FY 1987 President's Budget. Since FY 1986 is the baseline for FY 1987 estimates, FY 1987 is overstated by \$5,500,000, and the Committee recommends that these funds be reduced from the request.

AMRAAM ICS

The Air Force requests \$1,212,000 for Interim Contractor Support (ICS) for AMRAAM missiles. These funds would be required for contractor repair of component parts for operational missiles. Since AMRAAM production doesn't begin until FY 1987 at the earliest, it is highly unlikely that operational missiles will be delivered in FY

1987 and therefore ICS is not required. The Committee recommends that AMRAAM ICS funding of \$1,212,000 be deleted.

PROCUREMENT OPERATIONS CIVILIAN MANPOWER

The Air Force requested an increase of \$3,184,000 in FY 1987 to provide for a net increase in civilian workloads for procurement operations. This funding increase is contrary to their workload indicators, which identify a net decrease of 76 civilian workyears. The Committee recommends that funding be reduced by \$3,184,000.

OPERATIONAL SUPPORT AIRCRAFT

The Operational Support Aircraft (OSA) system is designed to provide 3 years of relatively inexpensive flying experience to new Military Airlift Command (MAC) pilots prior to their transfer to larger aircraft, such as the C-5 or C-141. Of the approximate 80,000 flying hours budgeted annually for C-12/C-21 OSA aircraft, an estimated 4,000 hours, with an associated cost of \$3,000,000, are being flown by general officers and other rated officers in non-flying positions, not new pilots fresh out of training. There are no operational or training requirements associated with these 4,000 hours and no readiness degradation will occur if they are eliminated. The Committee believes there is no compelling reason for this funding and directs the Air Force to cease providing C-12/C-21 flying time to general officers and other rated officers in non-flying positions. This action will reduce OSA flying hours by 4,000 and \$3,000,000.

T-33 REPLACEMENT

The Air Force proposes to replace its inventory of T-33 aircraft, beginning in fiscal year 1987, through a contracted service. While the Air Force has ignored the instructions of the Conference Committee on the fiscal year 1986 Appropriations Act concerning replacement of T-33 aircraft, its approach may have merit. While budgeting \$10,281,000 in fiscal year 1987 to pay for the contract service for the active force, however, the Air Force neglected to budget any funds for the Air National Guard which owns a significant portion of the T-33 fleet. This is an inappropriate response to the Congressional concern for the Air National Guard requirement as expressed in the fiscal year 1986 House Armed Services, Authorization Conference, House Appropriations, Senate Appropriations, and Appropriations Conference reports. The Committee recommends transferring \$5,000,000 of the amount budgeted for the active force contract to the Air National Guard Operation and Maintenance appropriation, so that the Guard may participate in this program in fiscal year 1987. The General Accounting Office is reviewing the Air Force's proposed contract service approach and is expected to report to the Committee by October 1, 1986. The Air Force may not obligate any funds for this program until notified in writing by the Committee, as was stated in the Appropriations Subcommittee on Defense letter to the Secretary of the Air Force on this subject dated May 7, 1986. By these actions, it should be obvious that this program is a specific Congressional interest item, and

should be so designated for reprogramming purposes on DD Form 1414, Base for Reprogramming Actions.

HISTORIANS

The Air Force employs 209 full-time civilian historians, 250 additional duty historians and 150 full-time enlisted historian technicians. The total Air Force historian budget is approximately \$16.7 million. The Army employs 118 full-time historians, with \$8.3 million in funding; the Navy employs 22 historians, with a \$1 million budget; the Marine Corps has 11 historians and a \$.6 million funding level; and JCS and OSD have a total of 8 historians and a \$.9 million budget.

The Air Force and Army historian programs are similar, except the Army accomplishes its efforts with 500 fewer people and \$8.4 million less funding. Therefore, the Committee has made a \$3,316,000 reduction to the Air Force's fiscal year 1987 operation and maintenance request and directs the Air Force to reduce the number of full-time historians from 209 to 98. This will provide approximately 500 Air Force historians including technicians and additional duty historians, which is still more than any other Service.

Additionally, the Air Force spends only .3 percent of its budget on contracting with others to write its history. The Army spends 34 percent of its budget on contracts; the Navy, 5.2 percent; and in fiscal year 1985, OSD spent 79 percent of its budget on contracts. Therefore, the Committee directs the Air Force increase its use of contracting with others to write its history to 3.5 percent of their budget by the end of fiscal year 1989.

The Department should keep the Committee advised on the progress of the Air Force in carrying out these directives.

TITAN MISSILE

The Air Force plans to totally phase out the Titan missile force by the end of FY 1987, and yet funding for this program has been reduced by only 17 percent. While there are deactivation costs associated with this phase out, they should be more than offset by reduced operation and support costs, especially for supplies which are reduced by only 18 percent from \$5,358,000 to \$4,381,000 in FY 1987. The Committee recommends that Titan funding be reduced by \$2,000,000.

SAC DORMITORY UPGRADE

In the FY 1986 budget request, growth of \$5,824,000 was identified for dormitory upgrade support associated with FY 1985 MCP. In addition, a reduction of \$12,297,000 in dorm support associated with the FY 1984 MCP was identified. In FY 1987, additional growth of \$2,058,000 is requested, but no offsetting decrease for the one time FY 1986 requirements was identified. The Air Force, in response to Committee questioning, stated that the aforementioned \$2,058,000 is a net increase of FY 1987 increases and FY 1986 decreases for this program. The Committee recommends that dorm furniture funding be held to FY 1986 levels, with a funding reduction of \$2,052,000.

COMPASS CALL

The Air Force has programmed in FY 1987 for an increase of 3 COMPASS CALL deployments overseas (from 1 to 4) in addition to the single FY 1986 deployment. Follow-on information provided by the Air Force states that a total of only 3 deployments are required in FY 1987. The Committee recommends that the \$1,867,000 associated with one of the 3 additional COMPASS CALL deployments be deleted.

MINUTEMAN SUSTAINING ENGINEERING

The Air Force requested growth of over \$16 million in FY 1986 for the Minuteman missile program, primarily for sustainment engineering. Total FY 1986 requested funds of \$157 million have been reduced to \$144 million in the current estimate, due to an internal funding realignment. In FY 1987 the Air Force again requests growth for sustainment engineering of \$2,097,000, with no new justification other than analysis and assessment of Minuteman reliability, which is not a new requirement. Based on FY 1986 experience, which infers that this program is of a lower priority, the Committee recommends that Minuteman service engineering be held to FY 1986 levels plus inflation, which reduces FY 1987 funding by \$2,097,000.

STRATEGIC FORCES—BOS TAIL

Over \$21,000,000 is requested to support expanding SAC missions, such as B-1 aircraft, Peacekeeper missiles and strategic war planning. This increase in base operations support should be offset by reduced operating costs associated with B-52 and Titan II deactivation. The Committee recommends that SAC BOS funding be reduced by \$10,000,000.

SURVEILLANCE AND WARNING RADARS

The Air Force requests 27 percent real growth, \$83.6 million, for surveillance and warning radar programs, resulting primarily from activation of new radar systems, such as OTH-B, Phased Array, RADIL and PAVE PAWS sites. These systems are a very important part of our early warning ballistic missile defense however it appears that the costs to activate these new systems and deactivate older systems has been overestimated. In FY 1986, for example, cost estimates went from appropriated amounts of \$292,858,000 down to actual obligations of 258,737,000, a \$34,000,000 decrease. Based on past performance, the Committee recommends that funding be reduced by \$30,000,000.

SPACE TRACK SUPPORT

The Air Force requests an increase of \$4,810,000 for first year operation of the new GEODSS site at Diego Garcia and costs at other GEODSS sites. In FY 1985, \$66,732,000 was appropriated for space track support, but only \$62,562,000 was spent. Based on this past experience, it appears the FY 1987 request is overestimated and the Committee recommends that funding be reduced by \$2,000,000.

TR-1 PROGRAM

The Air Force has consistently overestimated the cost to operate and maintain TR-1 aircraft and associated programs. For the past three fiscal years they have spent an average of \$15,000,000 less than estimated for this program in their budget request. Based on past performance, the Committee recommends that TR-1 support funding be reduced by \$10,000,000.

TAF MANAGEMENT HEADQUARTERS

The Air Force consistently underfunds the management headquarters accounts for their tactical forces. In both FY 1984 and 1985, an average of over \$15,000,000 was shifted into these accounts subsequent to appropriation. It appears as though the Air Force is deliberately overestimating in other accounts in order to avoid requesting funds for headquarters functions and then shifting funds at a later date. The Committee recommends that TAF management headquarters funds be reduced by \$10,000,000 in anticipation of the shifting of surplus amounts from other areas.

CSOC

The Air Force has overestimated funding requirements in both FY 1984 and 1985 for the Consolidated Space Operations Center (CSOC) by an average of 24 percent from appropriated amounts to actual obligations. A total of almost \$6 million has migrated from these programs to other programs in those fiscal years. While a portion of these excesses can be attributed to schedule delays, the remainder appears to be overestimates. The Committee recommends that Space Support funding be reduced by \$3,000,000.

REDCOM COMMAND POST UPGRADE

Funding for REDCOM Communications has almost tripled since FY 1985. In addition, funding of \$8,261,000 was provided in FY 1985 but only \$6,287,000 was obligated. The Committee recommends that requested funding be reduced by \$2,000,000 to match prior year overestimates.

TACTICAL COMMAND AND CONTROL SYSTEMS

Since FY 1985 Tactical Command and Control Systems have grown from about \$2,000,000 to the current request of \$13,612,000. While this is an important area, there is some concern that the Air Force is ramping up too quickly and will be unable to spend this amount in FY 1987. In FY 1985 they were only able to spend half of the \$4,000,000 appropriated. The Committee recommends that funding be reduced by \$3,000,000.

INDUSTRIAL PREPAREDNESS

An increase of \$1,610,000 is requested in FY 1987 to fund an additional 8 civilian workyears for industrial preparedness. These workyears are more correctly priced at \$400,000. This results in a \$1,200,000 overestimate which the Committee recommends be deleted.

FTS CHARGES FOR RECRUITING

The Air Force requests an increase of \$3,300,000 in their Recruiting and Advertising request as a result of a transfer from Program 3 Leased Communications. Program 3 does not identify the appropriate decrease to reflect this transfer and is therefore overpriced by \$3,300,000. The Committee recommends that \$3,300,000 be reduced from the Leased Communications request.

TAF BASE AND COMMAND C³

No valid justification was provided for this funding increase of \$2,898,000 over FY 1986 levels for command, control and communications services. The Committee recommends that the requested increase of \$2,898,000 be deleted.

F-4/F-16 FLYING HOURS

The Air Force has programmed for the gradual phase out of F-4 aircraft as F-16 aircraft are delivered to operational units. The increased F-16 flying hours and decreased F-4 hours are programmatic estimates based on the scheduled delivery dates of the F-16 aircraft. Any delays in F-16 deliveries should result in fewer F-16 flying hours, but also should be offset by higher F-4 hours since those aircraft would not phase out. However, this has not been the case. The Air Force has consistently overestimated not only its F-16 flying hours, but also F-4 flying hours as evidenced by the following charts:

	F-16 hours			F-4 hours		
	Initial request	Curr. est./actual	Percent of req. flown	Initial request	Curr. est./actual	Percent of req. flown
FY 1984.....	140,499	80,664	57	113,112	60,760	53
FY 1985.....	153,094	144,574	94	101,924	93,577	92
FY 1986.....	174,367	165,662	95	80,664	77,568	96

Based on historical performance, the best the Air Force could hope to fly is 96 percent of their total F-4/F-16 hours. The Committee recommends that only 96% of F-4/F-16 flying hours be funded, with a resulting reduction of \$11,740,000.

KC-135 FLYING HOURS

The Air Force requests growth of 8,375 KC-135 flying hours in FY 1987 in order to add back the hours reduced by the Congress in FY 1986 because of problems with how the Strategic Air Command (SAC) determined KC-135 requirements. When queried on the impact of the FY 1986 cut, the Air Force failed to document specific examples of negative impacts. The Committee believes the Air Force could take some specific actions to reduce KC-135 requirements and lower flying hours with no readiness impacts, such as:

A. Reduce B-52 air refuelings by limiting B-52 pilots to only their required 24 air refuelings per year and by allowing more than one pilot to practice air refueling per sortie. Air refueling is one of five core events prescribed by SAC to meet its crew readi-

ness criteria and SAC training officials plan for a refueling during each B-52 sorties, which results in exceeding the SAC training requirement for 24 air refuelings a year. In addition, SAC's usual practice is to have only one pilot practice refueling on an individual sortie, which runs contrary to the Military Airlift Command's usual practice of allowing three or more pilots to practice refueling on a single sortie.

B. Reduce overhead hours by decreasing the number of pilots sent to Castle AFB for formal pilot upgrade training and allowing more upgrade training at unit level utilizing unit aircraft/flying hours.

C. Reduce requalification training flying hours and costs by decreasing the number of SAC pilots provided to the Air Training Command (ATC) as instructor pilots. ATC can expand upon its separate career field for instructor pilots and reduce its reliance on these highly trained (and expensive) SAC pilots.

The Committee recommends that KC-135 flying hours be reduced by 5,000 with a savings of \$6,300,000.

B-52 FLYING HOURS

The Air Force has not modified B-52 flying hour requirements in spite of the fact that crews are now being trained on very sophisticated, realistic simulators. In fact, average flying hours increase in FY 1987 from 35.8 hours per aircraft per month to 36.4. These new B-52 simulators can provide training to all six B-52 crew members at the same time and provide an excellent complement to flying hours and should be used to offset any additional flying time. The Military Airlift Command recently reduced its C-141/C-5 flying hours as a result of increased usage of simulators. The Committee believes there is no reason that B-52 crews cannot substitute some simulator time for flying hours. The Committee recommends that B-52 flying hours be reduced by 4,700, which will lower average flying hours per aircraft per month by 1 hour and reduce funding by \$6,400,000.

PLSS

The Air Force requests an increase of \$4,301,000 for introduction of the operational Precision Location Strike System (PLSS). The PLSS production program has been cancelled and these funds are no longer required for this purpose. The Air Force was considering deployment of the prototype system; however, it is premature to be funding for this operation until a final decision has been made and firm dates and costs have been determined. The Committee recommends that PLSS funding be reduced by \$4,301,000.

6594TH TEST GROUP

Subsequent to submission of the fiscal year 1987 budget request, the Air Force announced the disestablishment of the 6594th Test Group. The Committee is therefore making a reduction of \$7,000,000 in O&M, Air Force to reflect this revised force structure.

AIR FORCE TECHNICAL SUPPORT

The budget included a request of \$18,200,000 for accelerating a program to repair and provide maintenance to a wide variety of Air Force communications security equipment. The Committee recommends a decrease of \$3,000,000 from the budget request. This provides a total of \$15,200,000 for the program, a significant increase of \$11,500,000 above the fiscal year 1986 level of \$3,700,000.

OPERATION AND MAINTENANCE, DEFENSE AGENCIES

Fiscal year 1986 appropriations.....	\$7,432,569,000
Fiscal year 1986 adjusted base.....	7,068,373,000
Fiscal year 1987 budget request.....	¹ 6,833,197,000
Committee recommendation.....	¹ 6,300,040,000
Change.....	- 533,157,000

¹ Costs of CHAMPUS have been included under the military health care account.

The Committee recommends an appropriation of \$6,300,040,000 for Operation and Maintenance, Defense Agencies. After adjusting for the transfer of CHAMPUS to a separate appropriation account, the recommendation is an increase of \$291,560,000 above the \$6,008,480,000 in total obligational authority for fiscal year 1986 and \$585,976,000 above the available obligational authority in fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985. The following table summarizes the specific adjustments to the fiscal year 1987 request discussed elsewhere in this report.

The table also identifies how the Committee recommendations compare with specific items adjusted by the 1987 Defense Authorization Act. Differences between authorized and appropriated amounts and adjustments not addressed in the Authorization Act are discussed elsewhere in the report.

[In thousands of dollars]

	Authorization	Adjustment recommended in this bill
Stock fund fuel refund.....	—	- 1,523
Industrial fund refund.....	—	- 20,000
Inflation reestimate.....	—	- 86,000
Travel.....	—	- 10,400
Foreign national employees compensation.....	—	- 5,000
USUHS.....	—	- 3,176
Defense medical support activity.....	- 1,500	- 1,500
Classified program.....	- 102,600	- 112,948
Defense Mapping Agency general reduction.....	- 4,000	- 8,380
Defense Nuclear Agency general reduction	—	- 10,592
Defense Communications Agency.....	—	- 37,315
American Forces Information Service general reduction.....	- 1,000	- 6,918
Department of Defense dependents education.....	—	- 65,995
Office of the Secretary of Defense general reduction.....	- 1,000	- 8,125
Defense Information Services activity general reduction.....	—	- 513
Defense Technology Security Administration general reduction.....	—	- 1,570
Washington Headquarters Service general reduction.....	- 2,000	- 15,728
Office of Economic Adjustment general reduction.....	—	- 3,470
Defense Legal Services Agency general reduction.....	—	- 500
Joint Chiefs of Staff general reduction.....	—	- 26,937
Defense Contract Audit Agency.....	—	- 28,220

[In thousands of dollars]

	Authorization	Adjustment recommended in this bill
DLA training.....	—	— 5,000
DLA storage aids.....	—	— 10,000
DLA general reduction.....	— 10,000	— 13,000
Joint recruiting and advertising program.....	—	— 13,065
Civilian pay.....	—	— 31,150
Morale, welfare and recreation:		
Appropriation support.....	— 2,000	— 2,000
Minor construction.....	— 2,000	— 2,000
Food and hospitality svcs rpt.....	+ 1,000	—
Special Ops unified command and control.....	+ 20,000	—
Total.....	— 105,100	— \$33,157

DEFENSE COMMUNICATIONS AGENCY

The Administration's fiscal year 1987 request for the Defense Communications Agency is \$311,193,000. This is an increase of \$57,374,000, or 22 percent, above the amount available to the Agency after the application of the Gramm-Rudman-Hollings reduction. The Committee's recommendation of \$273,878,000 includes the entire budget requests for the National Communications Systems and the White House Communications Agency and provides for other activities at the 1986 level adjusted for budgeted price growth.

DEPARTMENT OF DEFENSE DEPENDENTS SCHOOLS

The Administration's request for the Department of Defense Dependents Schools totals \$812,048,000, an increase of 15 percent above the original 1986 appropriation and an increase of 20 percent above the amount available after the application of the Gramm-Rudman-Hollings reduction. The 1987 request compared with the 1985 program represents growth of nearly 30 percent.

The Committee strongly supports the education programs for Department of Defense dependents worldwide. The Committee's recommended funding level, \$746,053,000, although a reduction below the budget request, will allow for a strong and vibrant dependents educational system. The Committee's recommendation is based on the following considerations:

- Several recent Inspector General and audit reports have concluded that DODDS has too many personnel at the above school level. After submission of the 1987 budget, DODDS agreed to an IG finding to reduce above school level personnel by 79 positions.
- One of the major increases requested in 1987 is \$17,319,000 for an estimated enrollment increase of 6,000 students. Historically, funding for enrollment increases has been handled during the year through reprogrammings. Because permanent change

of station moves may be significantly reduced in 1987, this estimate may be overstated. Actual enrollment increases may be accommodated through reprogrammings as in the past.

—An increase of \$71,177,000, or 10 percent above the amount available in 1986, was deemed the most appropriate in light of the stringent budget climate. The recommendation will provide for the entire budgeted price growth of \$39,527,000, including \$25,301,000 for teacher salary raises.

TEACHER AIDES

The Committee reaffirms its support for the employment of teacher aides for the Department of Defense Dependent Schools in Europe to assist teachers and provide relief from certain student supervisory responsibilities, as detailed in the fiscal year 1986 Committee report. The Committee again directs that such aides not be included in any staffing ceilings and that the Department proceed with this initiative within the funds provided.

ADVANCED FUNDING

The Committee is aware that there is nearly always an interval between the start of the school year and the time the appropriation bill or continuing resolution is signed into law. If the appropriation is enacted by mid-October, as was the case in fiscal year 1985, the interval is only a few weeks. However, in fiscal year 1986 the continuing resolution containing the Defense Appropriations Act was not enacted into law until December 19, or nearly four months after the start of the school year. This causes uncertainty concerning ultimate funding levels and makes school administration extremely difficult. In certain instances, this uncertainty may have resulted in delaying the start of the school year and in personnel furloughs.

The Committee notes that several programs in the Department of Education had experienced similar problems. To rectify the situation, funding has been provided in advance of the start of the school year. For example, the applicable fiscal year 1986 appropriation bill for handicapped education provided funds to be made available on July 1, 1986 and remain available until September 30, 1987. In this way, administrators know well in advance the level of funding which will be available to them and can plan accordingly.

The Committee believes that similar advanced funding could alleviate the problems experienced in the DOD dependents education program due to the interval between the start of the school year and the receipt of funding. Therefore, the Committee directs the Department to study the issue of advance funding thoroughly and urges the Department to make provision for advance funding for the dependents education program in future budget requests.

DEFENSE CONTRACT AUDIT AGENCY

The work force of the Defense Contract Audit Agency has grown dramatically in recent years. The Committee has supported that growth and commends the Agency for the excellent work it has done in reducing waste, fraud, and abuse. The nature of the growth

is demonstrated in Agency work years which have increased from 3,824 in fiscal year 1984 to 4,743 in fiscal year 1986 to 6,398 requested for fiscal year 1987. The 1987 request equates to a 35 percent increase above 1986 work years. Even the most well managed organizations have tremendous difficulties accommodating growth of this magnitude.

The Committee's recommendation of \$206,870,000 for the DCAA is a decrease of \$28,220,000 below the request. The Committee has denied all funding for 400 of the additional new positions and has assumed a 50 percent lapse rate for the other 1,207 new positions requested. The Agency's request had fully funded 1,400 of the new positions, which the Committee determined to be unrealistic.

DOD INSPECTOR GENERAL

The budget request for the Inspector General included funding for an end strength increase of 382 people. The request assumed a lapse rate for the new positions of approximately one-third. The Committee has reduced the funds requested by \$2,132,000 based on a lapse rate assumption of 50 percent.

DEFENSE LOGISTICS AGENCY

The House authorization committee recommended a general reduction of \$10,000,000 for the Defense Logistics Agency. The Committee has recommended a general reduction of \$13,000,000 and suggests that contracted equipment maintenance and other contracts could probably absorb the reduction without difficulty.

In addition, the Committee recommends a reduction of \$5,000,000 from the training increase of \$14.8 million requested. This will allow a 1987 training program of \$64.3 million, representing a 26 percent increase above 1986. Finally, the Committee has denied \$10,000,000 requested for warehouse storage aids, viewing this new initiative as a lower priority in the existing climate of fiscal restraint.

DEFENSE AGENCIES GENERAL REDUCTIONS

For several of the Defense Agencies the Committee has recommended general reductions not tied to any specific activity. The Committee has taken these actions to allow individual program managers to apply the reductions from the activities they deem to be the lowest priorities. The reductions are recommended within the framework of fiscal restraint under which the Congress is proceeding. In every instance, the general reductions provide at least for the 1986 level of operations plus price growth. Following is a list of such general reductions:

[In thousands of dollars]

Defense Mapping Agency.....	- 8,380
Defense Nuclear Agency.....	- 10,592
American Forces Information Service.....	- 6,918
Office of the Secretary of Defense.....	- 8,125
Defense Information Services Activity.....	- 513
Defense Technology Security Administration.....	- 1,570
Washington Headquarters Service.....	- 15,728
Office of Economic Adjustment.....	- 3,470
Defense Legal Services Agency.....	- 500
Office of the Joint Chiefs of Staff.....	- 26,937

DEFENSE MAPPING AGENCY

While the Committee has not renewed bill language restricting the contracting authority of the Defense Mapping Agency, the Committee believes that the Agency must evaluate contractors for professional mapping, charting and geodetic services on the basis of demonstrated competence and qualifications. In following this direction the Agency should negotiate with the most qualified firm to determine the scope of work and a fee that is fair and reasonable to the government. This clarifies these professional mapping, charting and geodetic services as being among the architecture, engineering and related services which are procured under the process outlined in 10 U.S.C. 2855, for military agencies, and 40 U.S.C. 541 et seq., for civilian agencies. The performance of surveying and mapping services should not be limited to registered or licensed architect and engineering firms, but should also include surveying and mapping professionals such as licensed surveyors, geodesists, and cartographers. Current law provides for fairness and equity in the distribution of contracts so interested firms, including small businesses, should have ample opportunity to compete.

OPERATION AND MAINTENANCE, ARMY RESERVE

Fiscal year 1986.....	\$780,100,000
Fiscal year 1986 adjusted base.....	741,875,000
Fiscal year 1987 budget request.....	793,100,000
Committee recommendation.....	769,298,000
Change.....	-23,802,000

The Committee recommends an appropriation of \$769,298,000 for Operation and Maintenance, Army Reserve. The recommendation is a decrease of \$10,802,000 below the \$780,100,000 in total obligational authority for fiscal year 1986 and an increase of \$27,423,000 above the available obligational authority in fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985. The following table summarizes the specific adjustments to the fiscal year 1987 request discussed elsewhere in this report.

The table also identifies how the Committee recommendations compare with specific items adjusted by the 1987 Defense Authorization Act. Differences between authorized and appropriated amounts and adjustments not addressed in the Authorization Act are discussed elsewhere in the report.

[In thousands of dollars]

	Authorization	Adjustment recommended in this bill
Stock fund fuel refund.....	- 7,500	- 7,500
Inflation reestimate.....		- 8,000
Travel.....		- 4,700
Average flying hours.....		- 1,200
Training related to AGR full-time manning increase.....		- 1,436
Recruiting and advertising.....		- 8,508
AGR force professional training.....		- 650
Continental Army Management Information System (CAMIS).....		+ 10,000

(In thousands of dollars)

	Authorization	Adjustment recommended in this bill
Realignment of IRR mobilization test.....	+ 6,000	
Military personnel support.....	- 1,800	- 1,800
National Board for the Promotion of Rifle Practice (transfer).....		- 8
Total.....	- 3,300	- 23,802

OPERATION AND MAINTENANCE, NAVY RESERVE

Fiscal year 1986 appropriations.....	\$894,950,000
Fiscal year 1986 adjusted base.....	851,097,000
Fiscal year 1987 budget request.....	975,900,000
Committee recommendation.....	869,847,000
Change.....	- 106,053,000

The Committee recommends an appropriation of \$869,847,000 for Operation and Maintenance, Navy Reserve. The recommendation is a decrease of \$25,103,000 below the \$894,950,000 in total obligational authority for fiscal year 1986 and an increase of \$18,750,000 above the available obligational authority in fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985. The following table summarizes the specific adjustments to the fiscal year 1987 request discussed elsewhere in this report.

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(In thousands of dollars)

	Authorization	Adjustment recommended in this bill
Stock fund fuel refund.....	- 63,900	- 63,900
Inflation reestimate.....		- 12,000
Travel.....		- 600
Average flying hours.....		- 2,100
Base operations—other support.....		- 2,272
Reserve management headquarters—other support.....		- 456
Average steaming hours.....		- 11,900
Military personnel support.....	- 5,000	- 5,000
Recruiting and advertising.....		- 7,825
Realignment of IRR mobilization test.....	+ 500	
Total.....	- 68,400	- 106,053

OPERATION AND MAINTENANCE, MARINE CORPS RESERVE

Fiscal year 1986 appropriations.....	\$57,200,000
Fiscal year 1986 adjusted base.....	54,399,000
Fiscal year 1987 budget request.....	65,300,000
Committee recommendation.....	63,218,000
Change.....	- 2,082,000

The Committee recommends an appropriation of \$63,218,000 for Operation and Maintenance, Marine Corps Reserve. The recommendation is an increase of \$6,018,000 above the \$57,200,000 in total obligational authority for fiscal year 1986 and \$8,819,000 above the available obligational authority in fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985. The following table summarizes the specific adjustments to the fiscal year 1987 request discussed elsewhere in this report.

The table also identifies how the Committee recommendations compare with specific items adjusted by the 1987 Defense Authorization Act. Differences between authorized and appropriated amounts and adjustments not addressed in the Authorization Act are discussed elsewhere in the report.

[In thousands of dollars]

	Authorization	Adjustment recommended in this bill
Stock fund fuel refund.....	- 700	- 700
Military personnel support.....	- 300	- 300
Miscellaneous program increases.....		- 1,082
Realignment of IRR mobilization test.....	- 500	
Total.....	- 500	- 2,082

OPERATION AND MAINTENANCE, AIR FORCE RESERVE

Fiscal year 1986 appropriations.....	\$902,700,000
Fiscal year 1986 adjusted base.....	858,495,000
Fiscal year 1987 budget request.....	975,600,000
Committee recommendation.....	922,100,000
Change.....	- 53,500,000

The Committee recommends an appropriation of \$922,100,000 for Operation and Maintenance, Air Force Reserve. The recommendation is an increase of \$19,400,000 above the \$902,700,000 in total obligational authority for fiscal year 1986 and \$63,605,000 above the available obligational authority in fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985. The following table summarizes the specific adjustments to the fiscal year 1987 request discussed elsewhere in this report.

The table also identifies how the Committee recommendations compare with specific items adjusted by the 1987 Defense Authorization Act. Differences between authorized and appropriated amounts and adjustments not addressed in the Authorization Act are discussed elsewhere in the report.

[In thousands of dollars]

	Authorization	Adjustment recommended in this bill
Stock fund fuel refund.....	- 60,500	- 60,500
Inflation reestimate.....		- 4,000
Realignment of IRR mobilization test.....	+ 1,000	

(In thousands of dollars)

	Authorization	Adjustment recommended in this bill
Installation of GFE drug interdiction radar modifications.....	+ 10,000	+ 10,000
Installation of drug interdiction tanker modifications.....	+ 1,000	+ 1,000
Total.....	- 48,500	- 53,500

OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD

Fiscal year 1986 appropriations.....	\$1,652,800,000
Fiscal year 1986 adjusted base.....	1,573,137,000
Fiscal year 1987 budget request.....	1,786,900,000
Committee recommendation.....	1,734,696,000
Change.....	- 52,204,000

The Committee recommends an appropriation of \$1,734,696,000 for Operation and Maintenance, Army National Guard. The recommendation is an increase of \$81,896,000 above the \$1,652,800,000 in total obligational authority for fiscal year 1986 and \$161,559,000 above the available obligational authority in fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985. The following table summarizes the specific adjustments to the fiscal year 1987 request discussed elsewhere in this report.

The table also identifies how the Committee recommendations compare with specific items adjusted by the 1987 Defense Authorization Act. Differences between authorized and appropriated amounts and adjustments not addressed in the Authorization Act are discussed elsewhere in the report.

(In thousands of dollars)

	Authorization	Adjustment recommended in this bill
Stock fund fuel refund.....	- 27,800	- 27,800
Inflation reestimate.....		- 16,000
Travel.....		- 2,200
Training support.....		- 1,879
Standard Army Multicommand Management Information System (STAMMIS).....		- 17,500
Continental Army Management Information System (CAMIS).....		+ 10,000
Military personnel support.....	- 6,000	- 6,000
Federal support for armories.....	+ 25,000	
Drug interdiction support.....	+ 12,000	+ 12,000
Recruiting and advertising.....		- 2,825
Total.....	+ 3,200	- 52,204

OPERATION AND MAINTENANCE, AIR NATIONAL GUARD

Fiscal year 1986 appropriations.....	\$1,806,200,000
Fiscal year 1986 adjusted base.....	1,717,698,000
Fiscal year 1987 budget request.....	1,932,700,000
Committee recommendation.....	1,790,384,000
Change.....	- 142,316,000

The Committee recommends an appropriation of \$1,790,384,000 for Operation and Maintenance, Air National Guard. The recommendation is a decrease of \$15,816,000 below the \$1,806,200,000 in total obligational authority for fiscal year 1986 and an increase of \$72,686,000 above the available obligational authority in fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985. The following table summarizes the specific adjustments to the fiscal year 1987 request discussed elsewhere in this report.

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[In thousands of dollars]

	Authorization	Adjustment recommended in this bill
Stock fund fuel refund.....	- 160,900	- 160,900
Inflation reestimate.....		- 10,000
Military personnel support.....	- 1,300	- 1,300
Drug interdiction support.....	+ 9,000	+ 9,000
Installation of GFE drug interdiction radar modifications.....	+ 3,600	+ 3,600
F-33 maintenance.....		+ 5,000
Civilian technician end strength.....		+ 12,284
Total.....	- 149,600	- 142,316

NATIONAL BOARD FOR THE PROMOTION OF RIFLE PRACTICE, ARMY

Fiscal year 1986 appropriations.....	\$920,000
Fiscal year 1986 adjusted base.....	875,000
Fiscal year 1987 budget request.....	930,000
Committee recommendation.....	4,316,000
Change.....	+ 3,386,000

The Committee recommends an appropriation of \$4,316,000 for the National Board for the Promotion of Rifle Practice. Although this is an increase of \$3,386,000 above the budget request in this account, there are corresponding decreases in other accounts as follows so there is no net change to the Department's request.

Operation and Maintenance, Army.....	- \$1,887,000
Procurement of Ammunition, Army.....	- 1,350,000
National Guard Personnel, Army.....	- 81,000
Reserve Personnel, Army.....	- 60,000
Operation and Maintenance, Army Reserve.....	- 8,000
Total.....	- \$3,386,000

The Committee's recommendation is consistent with a recent opinion issued by the General Counsel of the Department of the Army. The General Counsel determined that support for the Civilian Marksmanship Program from other accounts is improper and that all expenses directly attributable to the CMP should be charged to the National Board appropriation account. Prior to the ruling, the Army had been augmenting the National Board for the

Promotion of Rifle Practice appropriation with approximately \$3,000,000 annually. Types of support provided in other accounts include pay and allowances for civilian and military reserve personnel, travel and transportation, and ammunition.

MILITARY HEALTH CARE

Fiscal year 1986 appropriations	¹ (\$1,424,089,000)
Fiscal year 1986 adjusted base	¹ (1,354,289,000)
Fiscal year 1987 budget request	1,740,503,000
Committee recommendation	1,679,409,000
Change	-61,094,000

¹ Fiscal year 1986 funding was provided under the CHAMPUS appropriation, Operation and Maintenance, Defense Agencies.

The Committee recommends an appropriation of \$1,679,409,000 for the Military Health Care account. The Committee's recommendation reflects adjustments made in the funding level of the Dependent Dental Care program, as discussed earlier in the report. The Committee also did not make the authorized \$171,000,000 reduction for the Medicare CHAMPUS link. Contingent upon authorization the funding remains available for the Civilian Health and Medical Program of the Uniformed Services (CHAMPUS).

In fiscal year 1987, the Department of Defense requested \$1,740,503,000 for the Civilian Health and Medical Program of the Uniformed Services (CHAMPUS), which was budgeted in the Operation and Maintenance, Defense Agencies account. The House Armed Services Committee has proposed making those funds appropriated to the Operation and Maintenance, Defense Agencies account for CHAMPUS, available instead in the Military Health Care account.

As envisioned by the House Armed Services Committee, the Military Health Care account would be a transfer account administered by the Secretary of Defense. Based on Service estimates on projected CHAMPUS expenses, the Secretary of Defense would transfer from the Military Health Care account, those funds necessary to meet the Services' CHAMPUS obligations.

While the Committee supports the concept of changing the way CHAMPUS obligations are met, the proposals expressed by the authorizing committee require extensive administrative and budget reorganization. The Committee does not believe the Department can effectively implement the House Armed Services Committee proposal for a transfer account in fiscal year 1987, and recommends as an alternative, the Department submit appropriate legislation in the fiscal year 1988 budget request to accommodate this proposal.

Therefore, the Committee directs that funds in the Military Health Care account be available to directly meet obligations incurred by CHAMPUS. If the appropriate amount is insufficient, the Committee would consider reprogramming from the Services' accounts to the Military Health Care account, those amounts necessary to fund CHAMPUS obligations.

CLAIMS, DEFENSE

Fiscal year 1986 appropriations	\$143,300,000
Fiscal year 1986 adjusted base	143,300,000

Fiscal year 1987 budget request.....	155,600,000
Committee recommendation	144,400,000
Change.....	-11,200,000

The Committee recommends an appropriation of \$144,400,000 for Claims, Defense. The recommendation is an increase of \$1,100,000 above the \$143,300,000 in total obligational authority for fiscal year 1986. This account was specifically exempted from the sequestration required by the Deficit Reduction Act of 1985.

The reduction of \$11,200,000 from the budget request is composed of an inflation reestimate of -\$1,200,000 and a general reduction of \$10,000,000. The Committee believes the general reduction is appropriate based on recent activity in the Claims, Defense account. In fiscal year 1985, of the \$157,900,000 appropriation, \$11,400,000 was transferred to other accounts and \$13,107,000 was unused and reverted to the U.S. Treasury. In 1984, of the \$160,400,000 appropriation, \$23,500,000 was transferred to other accounts and \$11,927,000 lapsed.

PAYMENT OF PROPERTY CLAIMS ARISING FROM DETONATION OF ARMY BOMBS

In Public Law 99-349, the Supplemental Appropriations Act for fiscal year 1986, the Congress provided for the Department of Defense to pay legitimate property claims arising from the explosion of Army-loaded MK 84 bombs on August 4, 1985, near Checotah, Oklahoma. This was necessitated because innocent victims of the accident were left with repair and replacement bills that might not be paid until after conclusion of lengthy litigation to determine the party or parties liable for the damage.

Since that legislation was enacted, it has come to the Committee's attention that the provision has not been implemented for fear that paying such claims might be construed as an admission of liability for the accident. Consequently, the Committee has included language in the bill clarifying that in paying such claims, neither the U.S. Army, the Department of Defense, nor the Federal government is admitting liability for any of the damages. Rather, the Army and the Department of Defense should implement legislative directives of the Congress to reimburse legitimate property expenses of innocent victims of this particular accident until such time as the liable party or parties are determined. The Committee directs the U.S. Army Claims Service to begin processing and paying legitimate property claims for this accident from the authority made available by P.L. 99-349, as amended in this bill.

COURT OF MILITARY APPEALS, DEFENSE

Fiscal year 1986 appropriations.....	\$3,200,000
Fiscal year 1986 adjusted base	3,043,000
Fiscal year 1987 budget request.....	3,400,000
Committee recommendation	3,200,000
Change.....	-200,000

The Committee recommends an appropriation of \$3,200,000 for the Court of Military Appeals, Defense. The recommendation is identical to the total obligational authority for fiscal year 1986 and \$157,000 above the available obligational authority in fiscal year

1986 after the sequestration required by the Deficit Reduction Act of 1985.

The recommended funding level of \$3,200,000 will permit growth of five percent above the amount available in 1986 after the application of the Gramm-Rudman-Hollings reduction.

TENTH INTERNATIONAL PAN AMERICAN GAMES

Fiscal year 1986 appropriations.....	\$10,000,000
Fiscal year 1986 adjusted base.....	9,510,000
Fiscal year 1987 budget request.....	15,000,000
Committee recommendation.....	15,000,000
Change.....	

The Committee recommends an appropriation of \$15,000,000 for the Tenth International Pan American Games, the amount of the budget request and the authorization.

ENVIRONMENTAL RESTORATION, DEFENSE

Fiscal year 1986 appropriations.....	\$379,100,000
Fiscal year 1986 adjusted base.....	360,524,000
Fiscal year 1987 budget request.....	385,900,000
Committee recommendation.....	346,100,000
Change.....	-39,800,000

The Committee recommends an appropriation of \$346,100,000 for Environmental Restoration, Defense. The recommendation is a decrease of \$33,000,000 below the \$379,100,000 in total obligational authority for fiscal year 1986 and \$14,424,000 below the available obligational authority in fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985. The Committee's recommendation includes an inflation reestimate of -\$4,800,000 and a general reduction of \$35,000,000.

The 1986 appropriation for environmental restoration included \$64,400,000 for currently generated hazardous waste disposal operations. In 1987, those costs have been budgeted in the Service operation and maintenance accounts. On a comparable basis, the 1986 appropriation was \$314,700,000 and the 1986 level after the application of the Gramm-Rudman-Hollings reduction was approximately \$300,000,000. Thus, the 1987 budget request for environmental restoration, excluding hazardous waste disposal operations, represents a 29 percent increase. The Committee's recommendation will allow growth of 15 percent above the current 1986 level.

Although the Committee has recommended a reduction in funding for the environmental restoration account, this should not be construed as a diminution of the Committee's long-standing concern with and financial support to help solve environmental problems. Rather, it acknowledges that the Services' budgets include other funds to address currently generated hazardous waste and the fact that obligations in the environmental restoration, defense account have been lagging. As of June 30, 1986, obligations total \$160,278,000 or 44 percent of the available 1986 funds. The Committee realizes that with management and organizational changes experienced in this activity, certain delays may be unavoidable. However, the Committee is concerned that all available 1986 resources may not be utilized and strongly urges the Department to take action as necessary to ensure that all 1986 funds are properly used.

Accordingly, the Committee directs the Department to study the reasons for the low obligation rate in the environmental restoration account and report back to the Committee by January 31, 1987 on the actions taken to improve the situation.

TWIN CITIES ARMY AMMUNITION PLANT

The Committee is very concerned about the ongoing problems caused by the Twin Cities Army Ammunition Plant (TCAAP) in the Minneapolis/St. Paul metropolitan area of Minnesota. In 1981, a serious groundwater contamination problem was discovered in this area. In 1984, the Environmental Protection Agency (EPA) included this site in the National Priority List under the provisions of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

The EPA has determined that TCAAP is the sole source of groundwater contamination beneath the TCAAP site and is a major source of off-site contamination. A contaminated groundwater plume has been documented to be leaving the base and this has not been disputed by the Army. Yet the Army has steadfastly refused to take any responsibility for off-site groundwater contamination.

To date the off-site contamination has affected the water supplies of three municipalities in the area. The State of Minnesota's analysis of off-site contamination draws a clear correlation between time and increases in contamination. Not only has the State discovered wide lateral migration of contamination but the contamination appears to be going deeper and deeper into the bedrock aquifer. This problem has been accumulating over a period of 30 years so it is not yet possible to determine the full extent of contamination or the efforts required to clean it up.

The three affected municipalities rely on groundwater as a source of potable water. To date they have had to close several municipal and private wells and construct new wells and provide additional water treatment. Because of the urgency of the problem the Army is instructed to cooperate with the EPA and the Minnesota Pollution Control Agency to solve the contamination problems created by the TCAAP. Any agreement negotiated between these parties should include provisions for reimbursement to the State of Minnesota and local governments in the region for expenses they have already incurred in responding to the groundwater contamination problem.

HUMANITARIAN ASSISTANCE

Fiscal year 1986 appropriations.....	¹ \$10,000,000
Fiscal year 1987 budget request.....	
Committee recommendation.....	6,000,000
(Reappropriation).....	7,000,000
Change.....	+ 6,000,000
(Reappropriation).....	+ 7,000,000

¹ Included for comparability, funds were included in operation and maintenance, Air Force account.

Language has been included in the bill which extends until September 30, 1987 the availability of \$7,000,000 of funds appropriated in fiscal year 1986 for transportation for humanitarian relief of

Afghan refugees. This was a new initiative in fiscal year 1986 and it has taken more time than anticipated to establish the program. The Department of Defense estimates that not more than \$3,000,000 to \$4,000,000 will be obligated this year. Without the Committee's recommended extension, the remaining funds would lapse unused. The Committee has also included \$3,000,000 in additional funding in 1987 for similar purposes. For 1987, it is the Committee's understanding that the authority to acquire transportation assets applies to vehicles or other conveyances acquired by lease or purchase.

In addition, the Committee recommends \$3,000,000 for fiscal year 1987 for the distribution of excess nonlethal supplies for humanitarian relief. Thus, the total funding available for humanitarian assistance in fiscal year 1987 under the Committee's recommendation is \$13,000,000.

TITLE III

PROCUREMENT

ESTIMATES AND APPROPRIATION SUMMARY

The fiscal year 1987 Department of Defense procurement budget totals \$95,656,700,000. The accompanying bill recommends \$81,975,557,000 in total funding consisting of \$79,455,530,000 in new budget authority and \$2,520,027,000 in prior year unobligated funds transferred forward to fiscal year 1987. The total amount recommended is a decrease of \$13,681,143,000 below the fiscal year 1987 budget estimate, and is \$10,977,824,000 below the total provided for fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985. The table below summarizes the budget estimates and the Committee's recommendations:

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
SUMMARY						
ARMY						
AIRCRAFT		3,264,700		2,798,050		-466,650
TRANSFER FROM OTHER ACCOUNTS		---		(115,100)		(-115,100)
MISSILES		2,418,200		2,903,300		+485,100
TRANSFER FROM OTHER ACCOUNTS		---		(58,200)		(-58,200)
WEAPONS, TRACKED COMBAT VEHICLES		4,452,600		3,920,000		-532,600
TRANSFER FROM OTHER ACCOUNTS		---		(8,500)		(-8,500)
AMMUNITION		2,254,000		2,068,988		-185,012
TRANSFER FROM OTHER ACCOUNTS		---		(39,562)		(-39,562)
OTHER		6,165,000		4,641,811		-1,523,189
TRANSFER FROM OTHER ACCOUNTS		---		(251,000)		(-251,000)
TOTAL, ARMY		18,578,500		15,340,149		-3,238,351
TRANSFER FROM OTHER ACCOUNTS		---		(376,362)		(-376,362)
TOTAL FUNDING AVAILABLE		18,578,500		15,716,511		-2,861,989
NAVY						
AIRCRAFT		11,304,300		9,038,452		-2,265,848
TRANSFER FROM OTHER ACCOUNTS		---		(155,574)		(-155,574)
WEAPONS		6,095,400		5,047,440		-1,047,960
TRANSFER FROM OTHER ACCOUNTS		---		(160,647)		(-160,647)
SHIPS		11,046,200		9,213,100		-1,833,100
TRANSFER FROM OTHER ACCOUNTS		---		(902,600)		(-902,600)
OTHER		6,538,800		5,492,515		-1,046,285
TRANSFER FROM OTHER ACCOUNTS		---		(95,413)		(-95,413)
COASTAL DEFENSE AUGMENTATION		---		---		---
MARINE CORPS		1,565,000		1,444,896		-120,104
TRANSFER FROM OTHER ACCOUNTS		---		(28,500)		(-28,500)
TOTAL, NAVY		36,549,700		30,237,403		-6,312,297
TRANSFER FROM OTHER ACCOUNTS		---		(1,340,754)		(-1,340,754)
TOTAL FUNDING AVAILABLE		36,549,700		31,578,117		-4,971,583
AIR FORCE						
AIRCRAFT		19,127,400		18,202,251		-925,149
TRANSFER FROM OTHER ACCOUNTS		---		(404,300)		(-404,300)
MISSILES		8,992,400		9,725,777		+733,377
TRANSFER FROM OTHER ACCOUNTS		---		(117,900)		(-117,900)
OTHER		10,930,300		8,654,521		-2,275,779
TRANSFER FROM OTHER ACCOUNTS		---		(78,711)		(-78,711)
TOTAL, AIR FORCE		39,050,100		31,582,549		-7,467,551
TRANSFER FROM OTHER ACCOUNTS		---		(802,911)		(-802,911)
TOTAL FUNDING AVAILABLE		39,050,100		32,385,480		-6,664,620
NATIONAL GUARD AND RESERVE EQUIPMENT		---		752,068		+752,068
DEFENSE AGENCIES		1,488,400		1,503,361		+14,961
DEFENSE PRODUCTION ACT PURCHASES		30,000		40,000		+10,000
TOTAL DOD		95,656,700		79,455,530		-16,201,170
TRANSFER FROM OTHER ACCOUNTS		---		(2,520,027)		(-2,520,027)
TOTAL FUNDING AVAILABLE		95,656,700		81,975,557		-13,681,143

FISCAL YEAR 1987 INFLATION ADJUSTMENT

The Committee recommends a reduction of \$924,200,000 based on a repricing of the fiscal year 1987 budget request by the Department of Defense reflecting lower inflation. This reduction is distributed among appropriation accounts as follows:

Aircraft, Army.....	\$35,700,000
Missiles, Army.....	29,900,000
Weapons, Tracked Vehicles, Army.....	53,200,000
Ammunition, Army.....	17,700,000
Other Procurement, Army.....	58,600,000
Aircraft, Navy.....	109,100,000
Weapons, Navy.....	59,200,000
Shipbuilding, Navy.....	108,500,000
Other Procurement, Navy.....	59,600,000
Procurement, Marine Corps.....	17,000,000
Aircraft, Air Force.....	184,600,000
Missiles, Air Force.....	84,800,000
Other Procurement, Air Force.....	92,500,000
Procurement, Defense Agencies.....	13,800,000
Total.....	924,200,000

NON-DEVELOPMENT ITEM PROCUREMENT

In recent years, the Department of Defense has increasingly procured "off the shelf" hardware as an alternative to development of new equipment. Such equipment has been referred to as Non-Development Items or NDI. The attractiveness of the NDI approach is that it generally costs less and results in earlier fielding of equipment than the standard development program. The Committee supports the recent emphasis on NDI and notes that the Senate Armed Services Committee fiscal year 1987 authorization bill (S. 2638) has a section (Sec. 945) which encourages NDI procurement to the maximum extent possible. The Committee cautions, however, that the current enthusiasm for NDI should not be allowed to overshadow the care that must be taken in devising an appropriate procurement strategy. NDI must be considered as a generic term that includes a spectrum of choices.

The Army has devised three categories of NDI. The first, Category A, includes items that are used in the same environment as commercial use. No research, development or testing is required. Category B includes items to be used in a military environment substantially different than the commercial environment. Category C consists of new systems assembled from components which may be commercial, in use by other services, or of foreign origin. Category C is further broken down into systems where all components exist and systems where some components must be developed. Clearly, the same acquisition strategy should not be applied to all types of NDI. While "Category A" type of equipment may require little or no testing, Category C equipment normally requires some development and testing.

The Committee is concerned that the characterization of an item as NDI too often is used to short change development and testing when it is both appropriate and required. NDI has also been given as a reason to build too much concurrency into a development and acquisition program. These mistakes can lead to costly technical

and other problems when the equipment is fielded. The discredited DIVAD program is an example of what can happen when "off the shelf" components are assembled into a new system which is procured without adequate testing.

The Committee directs the Department of Defense to develop and publish regulations for all services to follow. Such regulations should both encourage NDI procurement (as proposed in Sec. 945 of S. 2638) and also differentiate the various types of NDI and the appropriate development/acquisition strategy for each. The Army's classification is not necessarily endorsed, but serves as a starting point for such an effort. The Committee expects to follow closely the Department's progress in implementing this direction.

CONTROLLABILITY OF PROCUREMENT ACCOUNTS

During its review of the defense budget this year, the Committee became aware of certain limitations on the controllability of the procurement accounts. The budget request for Mobile Subscriber Equipment (MSE), for instance, is \$903,700,000. This request for MSE is about one-fourth of the total requested for all Army communications and electronics equipment, and about three quarters of the increase for all Army communications and electronics equipment funding. The Committee was distressed to learn that in a very constrained budget year a program of such substantial size and growth was virtually exempt from budget reductions because of the nature of the firm fixed price contract under which it is being procured.

To better deal with the problem of controllability in the procurement accounts, the Committee directs the General Accounting Office to submit to it by February 1, 1987, a report on this matter. The report should assess the degree to which multiyear contracts, firm fixed priced contracts, and similar types of commitments have the effect of reducing discretionary control of those accounts during the budget year review. It should also set forth a proposed system by which the Department of Defense could report to Congress annually in conjunction with the budget submission on the controllability of the procurement budget, including prior years, the budget year, and future years. Finally, the report should include a proposed system for implementing congressional control for major firm fixed price contracts similar to that exercised over multiyear contracts. The system should include identification and reporting on such proposals by the Department to Congress and a system for congressional approval.

GOVERNMENT FURNISHED EQUIPMENT

Since 1971, the Department of Defense (DOD) and the services have made little progress in implementing overall government policies which call for minimizing the amount of equipment the government furnishes to contractors. The General Accounting Office (GAO) has concluded that major factors impeding progress include vagueness of Federal Acquisition Regulations and Defense Supplement provisions, which have allowed government officials to permit contractors to acquire new, general purpose equipment; limited DOD efforts to motivate contractors to provide their own equip-

ment; inadequate equipment-acquisition guidelines, especially for service contractors; and continuing management oversight problems at field and headquarters levels over the acquisition, use and retention, and disposal of government-furnished equipment.

The Committee is concerned that the failure of the DOD to aggressively implement the phase down policy first established in the early 1970s contributes to continuing waste in the procurement and use of government furnished equipment. The Committee therefore directs the DOD to establish a strong program to implement the phase down policy and report to the Committee on this effort by January 15, 1987. The report should include a detailed explanation of how the DOD is dealing with the specific major factors impeding progress cited by the GAO.

NEW STARTS IN MODIFICATION PROGRAMS

In last year's report, the Committee directed that all future new starts for modification programs not included in the budget be subject to standard below threshold new start reprogramming procedures. This was done because major modification programs with large future year funding requirements were being started by below threshold reprogramming, without the knowledge or approval of Congress. Unfortunately, the Committee found numerous examples of fiscal year 1986 below threshold new start modifications while examining the fiscal year 1987 budget. These programs were proposed to be started without notification or approval of Congress. The Committee reiterates its interest in this matter and directs the Office of the Secretary of Defense to promptly issue a regulation to implement last year's guidance. The Committee expects to be sent a copy of this regulation when it is issued, which shall be no later than December 31, 1986.

BUDGET JUSTIFICATION MATERIAL FOR MODIFICATIONS

The Committee is dissatisfied with the quality of budget justification material submitted to support the fiscal year 1987 modification procurement lines. This is particularly true for Army programs. Future justification submissions shall be at least as informative and detailed as those prior to fiscal year 1987. In particular, the Committee expects a budget summary by modification program for each modification line and, for each modification program, a description and justification, total R&D and procurement profile (to include quantities) and meaningful development and procurement milestones.

GENERAL REDUCTIONS IN OTHER PROCUREMENT, NAVY

The fiscal year 1987 Other Procurement, Navy budget materials lacked adequate information for analysis. They did not include a distribution of enacted fiscal year 1986 general reductions by line item. As a result of this approach neither the fiscal year 1986 base nor the proposed growth were defined.

The Committee directs the Navy to distribute general reductions for fiscal year 1987 to specific line items, to incorporate this distribution in the fiscal year 1987 column of the President's budget sub-

mission for fiscal year 1988, and to continue this general practice in the future with regard to general reductions.

ARMY COMMAND AND CONTROL SYSTEM

The Army Command and Control System (ACCS) is intended to provide an integrated tactical, automated, battlefield command and control system. The Committee notes that the Army, through ACCS, is taking management steps to achieve interoperability and other benefits that result from the use of common equipment and software in several related programs. The Committee is concerned, however, that the difficulties of establishing a new management structure and the pressures to meet requirements of the affected programs will lead to a fiscal year 1988 budget submission that lacks programmatic continuity and cost-efficiency. The Committee therefore directs the Army to resolve its management arrangements for procurement for the affected programs and fully coordinate the fiscal year 1988 budget proposals for requirements, procurement, and fielding of equipment under the affected programs.

DEPLETED URANIUM PENETRATORS

The Committee recommends a general provision, identical to Sec. 111 of H.R. 4428 (the Department of Defense Authorization Bill, 1987), which requires the Secretary of Defense to procure depleted uranium penetrators for ammunition only under a component breakout basis from at least two sources in the existing production base.

DOMESTIC BALL BEARING INDUSTRY

In its report on fiscal year 1986 appropriations, the Committee directed the Department to study and report on the state of the domestic ball bearing industry. A report titled "Joint Logistics Commanders Bearing Study" was issued on June 18, 1986. It concludes that the domestic ball bearing industry is in jeopardy, and recommends a number of steps to reverse current adverse trends. The Committee requests that the Secretary of Defense review these findings and recommendations, and submit his conclusions and plan for implementation to the Committees on Appropriations and Armed Services not later than December 31, 1986.

CAMOUFLAGE SCREEN SYSTEM

In the Report accompanying the fiscal year 1984 Defense Appropriation Bill the Committee urged the Army to broaden the industrial base for the production of Camouflage Screen Systems in a manner consistent with prudent fiscal management. The Army's efforts to do so have been successful and current procurements are fully in compliance with the Committee's direction. No further actions in this direction are required or anticipated. The present mobilization base, including minority suppliers, is sufficient to provide all anticipated requirements with adequate competition.

SOCIALLY AND ECONOMICALLY DISADVANTAGED BUSINESSES AND HISTORICALLY BLACK COLLEGES AND UNIVERSITIES

The Committee continues to believe that the Department of Defense should strive to attain, as a goal, an allocation of not less than five percent of the funds made available in fiscal year 1987 for procurement and research and development programs for enterprises controlled by economically and/or socially disadvantaged individuals and Historically Black Colleges and Universities.

While the Committee has been impressed with the responsiveness of the Department to this particular directive thus far, the plan/strategy and related action for implementing this initiative would appear to fall short of the level of effort needed to meet the goal. In particular, specific initiatives which effectively expand the existing base of disadvantaged entities participating in the Department's activities and the provision of support necessary to maintain such an expansion is strongly encouraged. In this regard, the Department should assess the feasibility of creating and/or expanding existing sheltered market programs aimed at utilizing and assisting disadvantaged businesses at the Department of Defense. Additionally, the creation of a Task Force, made up of representatives from the minority and majority business community, the Department, HBCU representatives and others, specifically charged with reviewing current Departmental disadvantaged business activities, and making recommendations for the improvement of same, would appear advisable and useful.

The Department is directed to report to the Committee by March 15, 1987, its progress in implementing the plan to meet the goal. However, the Department, in implementing such a plan, should not reduce its quality assurance criteria or lessen its standards of contact responsibility in achieving this goal.

9MM HANDGUN PROCUREMENT

The Committee has provided \$19,035,000, the budget request, for the procurement of 9-mm handguns. Section 9107 has been included, however, conditioning the expenditure of these funds, and any funds previously appropriated in other Acts on the cancellation of the current procurement contract and recompetition of the performance specifications.

The Committee has reviewed the June, 1986 report of the General Accounting Office (GAO), and agrees with its conclusion that "the 9-mm program was not a good example of how to conduct an effective procurement . . ." Specifically, the Committee shares GAO's assessment that the basis on which one of the candidates for the 9-mm contract, Smith and Wesson, was eliminated from the competition was erroneous. Public confidence in the defense procurement process can be maintained only if potential contractors believe that their products will be evaluated fairly, and if deficiencies in the conduct of individual procurements, when identified, are remedied. That is the purpose of the Committee's direction that the 9-mm handgun performance specifications be recomputed.

The Committee is mindful that cancellation of the current contract may give rise to some liability on the part of the United States Government. Bill language has been included which will

make available \$31,200,000 of previously appropriated funds to complete the delivery of 9-mm handguns, spare parts, and magazines for which the Army has provided firm orders. The inclusion of this language is intended to facilitate the resolution of all contractual issues attendant to the cancellation of the current 9-mm handgun contract.

AIRCRAFT PROCUREMENT, ARMY

Appropriations, 1986	\$3,524,200,000
Adjusted base, 1986	3,351,514,000
New obligational authority, 1987:	
Estimate	3,264,700,000
Recommended	2,798,050,000
Decrease	466,650,000
Total recommended in the bill	¹ 2,817,150,000

¹ Includes \$2,798,050,000 in new obligational authority and in addition, \$19,100,000, of which \$15,500,000 is to be derived by transfer from "Aircraft Procurement, Army, 1986/1988" and \$3,600,000 is to be derived by transfer from "Aircraft Procurement, Army, 1985/1987".

This appropriation finances the acquisition of tactical and utility airplanes and helicopters, including associated electronics, electronic warfare and communications equipment and armament; modification of in-service aircraft; ground support equipment; and depot reparable assemblies, components and repair parts such as spare engines, transmissions, gear boxes and sensor equipment. It also funds related training devices, such as combat mission flight simulators, and production base support.

PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 1987:

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
AIRCRAFT PROCUREMENT, ARMY						
AIRCRAFT						
FIXED WING						
ROTARY						
EH-60A HELICOPTER (QUICKFIRE)(MVP).....	18	155,000	18	108,700	--	-26,300
EH-60A HELICOPTER (QUICKFIRE) (MVP) (BY TRANSFER)....	--	---	--	(3,900)	--	(+3,900)
EH-60A HELICOPTER (QUICKFIRE)(MVP) (AP-CY).....	--	58,900	--	18,900	--	---
AH-64 ATTACK HELICOPTER (APACHE).....	144	1,189,300	120	1,032,800	-24	-156,500
AH-64 ATTACK HELICOPTER (APACHE) (AP-CY).....	--	39,100	--	39,100	--	---
UH-60A (BLACK HAWK) (MVP).....	78	155,400	78	149,300	--	-6,100
UH-60A (BLACK HAWK) (MVP) (BY TRANSFER).....	--	---	--	(3,100)	--	(+3,100)
UH-60A (BLACK HAWK) (MVP) (AP-CY).....	--	195,000	--	133,900	--	-61,100
TOTAL, AIRCRAFT.....		1,730,700		1,480,700		-250,000
MODIFICATION OF AIRCRAFT						
OV-1 SURVEILLANCE AIRPLANE (HONARI).....	--	24,900	--	10,000	--	-14,900
BV-1 RECON AIRPLANE.....	--	2,700	--	2,700	--	---
AH-64 ATTACK HELICOPTER (COBRA-TOM).....	--	61,000	--	12,400	--	-48,600
AH-64 MODS.....	--	33,400	--	33,400	--	---
CH-47 CARGO HELICOPTER (MVP).....	--	208,400	--	198,400	--	-10,000
CH-47 CARGO HELICOPTER (MVP) (BY TRANSFER).....	--	---	--	(1,500)	--	(+1,500)
CH-47 CARGO HELICOPTER (MVP) (AP-CY).....	--	58,600	--	58,600	--	---
CH-54 CARGO HELICOPTER (TARHE).....	--	1,300	--	1,300	--	---
UH-1 UTILITY HELICOPTER (IROQUOIS).....	--	6,300	--	6,300	--	---
UH-60A (BLACK HAWK) MODS.....	--	7,700	--	7,700	--	---
ARMY HELICOPTER IMPROVEMENT PROGRAM (ARIP).....	--	164,900	--	122,500	--	-42,400
ARMY HELICOPTER IMPROVEMENT PROGRAM (ARIP) (AP-CY)....	--	45,400	--	21,800	--	-23,600
AIR TO AIR STINGER ACFT MOD.....	--	28,800	--	---	--	-28,800
AIRBORNE AVIONICS.....	--	100	--	100	--	---
ASR MODIFICATIONS CLOSE COMBAT.....	--	3,500	--	1,500	--	-2,000
MODIFICATIONS UNDER S2 OM (AIRCRAFT).....	--	100	--	100	--	---
ACFT PWS.....	--	12,000	--	12,000	--	---
SOP AIRCRAFT MODIFICATIONS.....	--	3,500	--	---	--	-3,500
GROUND PROXIMITY WARNING SYS.....	--	---	--	6,850	--	+6,850
TOTAL, MODIFICATION OF AIRCRAFT.....		662,600		495,650		-166,950
SPARES AND REPAIR PARTS.....	--	710,500	--	710,500	--	---
SUPPORT EQUIPMENT AND FACILITIES						
GROUND SUPPORT AVIONICS						
AIRCRAFT SURVIVABILITY EQUIPMENT.....	--	11,600	--	11,600	--	---
OTHER SUPPORT						
AVIONICS SUPPORT EQUIPMENT.....	--	57,900	--	47,400	--	-10,500
COMMON GROUND EQUIPMENT.....	--	28,400	--	28,400	--	---
AIR TRAFFIC CONTROL.....	--	4,800	--	4,800	--	---
SYNTHETIC FLIGHT TRAINING SYSTEMS.....	3	37,700	3	34,200	--	-3,500
INDUSTRIAL FACILITIES.....	--	16,000	--	16,000	--	---
WAR CONSUMABLES.....	--	4,500	--	4,500	--	---
TOTAL, SUPPORT EQUIPMENT AND FACILITIES.....		160,900		146,900		-14,000
INFLATION SAVINGS, FY87.....	--	---	--	-35,700	--	-35,700
TOTAL, AIRCRAFT PROCUREMENT, ARMY.....		3,264,700		2,798,050		-466,650
TRANSFER FROM OTHER ACCOUNTS.....		---		(19,100)		(+19,100)
TOTAL FUNDING AVAILABLE.....		3,264,700		2,817,150		-447,550

COMMITTEE RECOMMENDATIONS

AUTHORIZATION CHANGES

The Committee recommends the following changes in the budget estimate, in accordance with authorization action:

(In thousands of dollars)

	Budget request	Committee recommended	Change from request
EH-60 Quickfix	135,000	108,700	-26,300
AH-1 Mods	61,000	12,400	-48,600
CH-47 Mods	208,400	198,400	-10,000
AHIP	164,900	122,500	-42,400
AHIP (AP)	45,400	21,800	-23,600
Avionics support equipment	57,900	47,400	-10,500

TRANSFERS

The Committee recommends the following transfers of prior year unobligated balances to offset reductions in fiscal year 1987:

EH-60 Quickfix (fiscal year 1986)	\$3,900,000
UH-60 Black Hawk (fiscal year 1985)	3,100,000
CH-47 modifications (fiscal year 1985)	500,000
CH-47 modifications (fiscal year 1986)	1,000,000
AHIP (fiscal year 1986)	10,600,000

AIRCRAFT

AH-64 APACHE ATTACK HELICOPTER

The Army budgeted \$1,189,300,000 for procurement of 144 AH-64 Apache attack helicopters. Authorization action reduced the approved quantity to 120 aircraft. According to hearings before the Subcommittee, the funding requirement for 120 aircraft is \$1,032,800,000. Accordingly, the Committee recommends \$1,032,800,000, a reduction of \$156,500,000 for 120 aircraft. The Committee directs that, of the aircraft procured in fiscal 1987, 18 be assigned to the Army National Guard.

Army testimony has stated consistently that the Army's total requirement for AH-64 Apache attack helicopters is for 1206 aircraft, of which 396 are for the Army National Guard and Reserves. The present procurement plan for the Apache includes only 675 of the 1206, with only 36 allocated to the National Guard, and would have production stop with the 78 aircraft expected to be requested in fiscal year 1988. This planning would leave the Army approximately 45 percent short of fulfilling its total requirement and would result in the Army's not having any active production line for attack helicopters. Even in light of current tight budget constraints for weapons systems, it does not make sense to shut down production of one of the Army's highest priority programs with only 55% of the procurement requirement fulfilled. Accordingly, the Committee directs the Secretary of the Army to evolve a procurement program for the AH-64 that fulfills the total requirement for this

weapon system and to submit this program with the fiscal year 1988 budget request.

UH-60 BLACK HAWK UTILITY HELICOPTER

The Army budgeted \$155,400,000 for procurement of 78 UH-60 Black Hawk helicopters. House Authorization reduced this amount by \$3,000,000 based on overstated inflation and engine costs. The General Accounting Office recently identified \$3,100,000 in excess fiscal year 1985 program funds. The Committee therefore recommends \$149,300,000 for 78 aircraft, a reduction of \$6,100,000 below the budget. The reduction is offset in part by a transfer of \$3,100,000 from fiscal year 1985.

UH-60 BLACK HAWK UTILITY HELICOPTER

(ADVANCE PROCUREMENT)

The Army budgeted \$195,000,000 for Black Hawk advance procurement. Included in this amount was \$61,100,000 for economic order quantity procurement in anticipation of a multiyear contract beginning in fiscal year 1988. House authorization action has denied the proposed multiyear procurement. Therefore, the Committee recommends \$133,900,000, a reduction of \$61,100,000.

MODIFICATION OF AIRCRAFT

OV-1D MOHAWK MODIFICATIONS

The Army budgeted \$24,900,000 for OV-1D Mohawk modifications. Included in this amount was \$14,900,000 for Block II improvements. Engineering and testing for Block II improvements has just begun. A production contract will not be ready for award before fiscal year 1988. The fiscal year 1987 budget for Block II funds "data" and "long lead items". Since this is a violation of the full funding policy of this Committee and the Department, the Committee recommends denial of the \$14,900,000 for Block II improvements. The Committee recommends \$10,000,000 for other OV-1D modifications.

AIR-TO-AIR STINGER MODIFICATIONS

The Army budgeted \$28,800,000 for initial procurement of modifications to give Army aircraft the capability to fire Stinger missiles. The total cost of this program is estimated to be \$829,000,000, excluding the cost of missiles. The Committee notes that the Army is presently testing an alternative missile to serve the air-to-air mission. Procurement of modifications for the Stinger missile would appear to be premature at this time. The Committee recommends denial of the entire amount, a reduction of \$28,800,000.

AIRCRAFT SURVIVABILITY EQUIPMENT—CLOSE COMBAT

The Army budgeted \$3,500,000 for aircraft survivability equipment modifications-close combat. The budget funded procurement of 3,054 kits to interface with the AN/APR-39A radar warning receiver. However, the Army is buying only 1,739 of the AN/APR-

39A units. Only \$1,500,000 is required to procure these units. Therefore the Committee recommends a reduction of \$2,000,000.

SPECIAL OPERATIONS FORCES MODIFICATIONS

The Army budgeted \$3,500,000 for procurement of modifications to aircraft to be used by the Special Operations Forces (SOF). This is the initial procurement for a program which may cost as much as one billion dollars. Special program requirements and plans are not yet firm nor is the relationship of this program with other Army programs and corresponding Air Force programs. The Committee supports the Army's SOF initiative, but believes that aircraft modification procurement funding in fiscal year 1987 is premature. Therefore the budget proposal is denied, a reduction of \$3,500,000.

GROUND PROXIMITY WARNING SYSTEM

The Committee recommends \$6,850,000 for procurement of ground proximity warning systems. These systems are for use only on fixed wing aircraft. In conducting a competitive procurement for these items, all possible alternatives shall be considered.

SUPPORT EQUIPMENT AND FACILITIES

SYNTHETIC FLIGHT TRAINING SYSTEMS

The Army budgeted \$37,700,000 for procurement of three synthetic flight training systems (simulators). The Committee recommends \$34,200,000, a reduction of \$3,500,000, based on overstated requirements for spares and engineering changes.

INFLATION ADJUSTMENT

As discussed in the beginning of the Procurement section of this report, the Committee recommends an inflation adjustment of \$35,700,000.

MISSILE PROCUREMENT, ARMY

Appropriations, 1986	\$2,904,332,000
Adjusted base, 1986	2,762,020,000
New obligational authority, 1987:	
Estimate	2,438,200,000
Recommended	2,003,300,000
Decrease	434,900,000
Total recommended in the bill	¹ 2,061,500,000

¹ Includes \$2,003,300,000 in new obligational authority and in addition, \$16,900,000 in prior year unobligated balances to be derived by transfer from "Missile Procurement, Army, 1985/1987"; and \$41,300,000 in prior year unobligated balances to be derived by transfer from "Missile Procurement, Army, 1986/1988".

This appropriation finances the acquisition of surface-to-air, surface-to-surface, and antitank/assault missile systems. Also included are major components, modifications, targets, test equipment, depot repairable spares and repair parts, and production base support.

PROGRAM RECOMMENDED

The total amount recommend in the bill will provide the following program in fiscal year 1987:

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
MISSILE PROCUREMENT, ARMY						
OTHER MISSILES						
SURFACE-TO-AIR MISSILE SYSTEM						
CHAPARRAL.....	456	103.700	--	---	-456	-103.700
AIR DEFENSE SYS HEAVY.....	--	9.100	--	---	--	-9.100
OTHER MISSILE SUPPORT.....	--	6.500	--	6.500	--	---
PATRIOT (MYP).....	700	951.500	700	902.500	--	-49.000
PATRIOT (MYP) (BY TRANSFER).....	--	---	--	(14.500)	--	(+14.500)
PATRIOT (MYP) (AP-CV).....	--	45.300	--	45.300	--	---
STINGER (MYP).....	4.180	251.700	4.180	190.200	--	-61.500
STINGER (MYP) (BY TRANSFER).....	--	---	--	(19.600)	--	(+19.600)
STINGER (MYP) (AP-CV).....	--	40.300	--	---	--	-40.300
PERKINS II.....	--	31.800	--	31.800	--	---
AIR-TO-SURFACE MISSILE SYSTEM						
ANTI-TANK/ASSAULT MISSILE SYSTEM						
TOW 2.....	12.000	136.600	9.600	69.600	-3.400	-46.200
TOW 2 (BY TRANSFER).....	--	---	--	(12.600)	--	(+12.600)
TOW 2 (AP-CV).....	--	15.500	--	---	--	-15.500
MULTIPLE LAUNCH ROCKET SYSTEM (MYP).....	72.000	474.200	72.000	461.700	--	-12.500
MULTIPLE LAUNCH ROCKET SYSTEM (MYP) (BY TRANSFER).....	--	---	--	(12.500)	--	(+12.500)
TOTAL, OTHER MISSILES.....		2.064.200		1.708.400		-355.800
MODIFICATION OF MISSILES						
MODIFICATIONS						
PATRIOT.....	--	38.600	--	21.900	--	-16.700
CHAPARRAL.....	--	5.200	--	5.200	--	---
NAVE.....	--	68.200	--	58.800	--	-9.400
TOW.....	--	53.000	--	53.000	--	---
DRAGON.....	--	4.700	--	---	--	-4.700
LANCE MODIFICATIONS.....	--	3.800	--	---	--	-3.800
TOTAL, MODIFICATION OF MISSILES.....		173.500		138.900		-34.600
SPARES AND REPAIR PARTS.....						
	--	150.900	--	150.900	--	---
SUPPORT EQUIPMENT AND FACILITIES						
AIR DEFENSE TARGETS.....	--	32.400	--	19.800	--	-12.600
(TOWS LESS THAN 52 CM MISSILES).....	--	1.500	--	1.500	--	---
PRODUCTION BASE SPT.....	--	15.700	--	15.700	--	---
TOTAL, SUPPORT EQUIPMENT AND FACILITIES.....		49.600		37.000		-12.600
INFLATION SAVINGS, FY87.....						
	--	---	--	-29.900	--	-29.900
TOTAL, MISSILE PROCUREMENT, ARMY.....		2.438.200		2.003.300		-434.900
TRANSFER FROM OTHER ACCOUNTS.....		---		(58.200)		(+58.200)
TOTAL FUNDING AVAILABLE.....		2.438.200		2.061.500		-376.700

COMMITTEE RECOMMENDATIONS

AUTHORIZATION CHANGES

The Committee recommends the following changes in the budget estimate, in accordance with authorization action:

[In thousands of dollars]

	Budget request	Committee recommended	Change from request
Air defense system—heavy	9,100		—9,100
TOW II advance procurement	15,500		—15,500
Modification of missiles:			
Dragon	4,700		—4,700
Lance	3,800		—3,800
Air defense targets	32,400	19,800	—12,600

CHAPARRAL

The Army requested \$103,700,000 for initial production of 456 Chaparral missiles which incorporate the new Rosette Scan Seeker (RSS). A similar request last year was shown to be premature. Instead, the Congress provided funds for production start-up costs, in anticipation of a start in fiscal year 1987. The Committee is advised that more than two-thirds of those start-up funds will not be obligated until the second half of fiscal year 1987, that the earliest possible date for a production contract award is July 1987, and that the completion of government testing of the new missile will slip from December 1986 to February 1987. In addition, the Army is now contemplating competitive procurement of Chaparral missiles, necessitating additional time to evaluate potential second sources. The Committee concludes that production funds for Chaparral RSS should be deferred until fiscal year 1988. The Committee iterates its support for the program, and emphasizes that the recommended reduction is without prejudice.

PATRIOT

The Army requested \$951,500,000 for 700 Patriot missiles and associated fire units and other equipment. It appears to the Committee that, based on experience in prior year negotiations, the fiscal year 1987 program is overbudgeted by \$34,500,000. Further, a total of \$14,500,000 of prior year funds in contract savings and unneeded contingent liabilities are available for application to fiscal year 1987. In summary, the Committee recommends \$902,500,000 for 700 Patriot missiles, a reduction of \$49,000,000 from the budget request, offset in part by a transfer of \$14,500,000 of prior year funds.

The Committee approves the Army's request to enter a multiyear procurement contract for procurement of Patriot. Said approval is included in the bill.

PATRIOT GENERATOR SETS

Several years ago, the Army began a search for alternative suppliers of turbine engines for Patriot generator sets because of high cost and unacceptable failure rates of the existing turbine engine. Proposals in response to a solicitation were due early in 1986. Inexplicably, the Army put the solicitation "on hold" the day proposals were due, and later cancelled the solicitation. Subsequently, a new competition has been proposed by the Army which involves the building, by four competitors, of 24 prototype engines—12 turbine and 12 diesel. The building of these prototype engines will be the subject of a lengthy R&D program, followed by test and evaluation.

The Committee finds this situation to be totally unacceptable for the following reasons:

(1) The Committee is advised that of a total program requirement of approximately 140 units, approximately 100 have already been ordered. Paying for 24 prototypes in order to select the remaining 40 units is economically unjustified.

(2) The Army has concluded on three separate occasions that diesel engines are unable to meet Patriot requirements, and that only turbine engines will do so.

(3) Having two completely different kinds of engines in the same Patriot system would present severe logistics, maintenance and training problems.

The Committee concludes that the original competition made sense, and that the proposed new competition does not. Accordingly, the Committee directs the immediate reinstatement of the original competition, which sought to obtain a second source for turbine engines.

STINGER

STINGER ADVANCE PROCUREMENT

The Army requested \$251,700,000 for 4,180 Stinger missiles and associated equipment, and \$40,300,000 of advance procurement funds to support multiyear procurement (MYP) of Stinger.

Included in the request were \$42,900,000 for Pedestal Mounted Stinger. Because the first R&D funds for test and evaluation of alternatives were provided in the fiscal year 1986 appropriation, the Committee deems this request premature and recommends it be deferred. In addition, a total of \$18,600,000 of prior year funds for unneeded contingent liabilities and rate facilitization are available for application to fiscal year 1987. In summary, the Committee recommends \$190,200,000 for 4,180 Stinger missiles, a reduction of \$61,500,000 from the budget request, offset in part by a transfer of \$18,600,000 of prior year funds.

The request for advance procurement funds is in support of a proposal to begin a five year multiyear procurement of Stinger RMP missiles. The Committee notes that the RMP version of Stinger entered production only recently, and that first deliveries will not be made until the end of fiscal year 1987. Further, production rates are unclear, and it remains to be seen whether a high production rate can be sustained. Finally, budgetary constraints are expected to force the Army to plan for fewer missiles, thereby reduc-

ing and possibly eliminating any savings expected from multiyear contracting. The Committee concludes that Stinger RMP does not meet the criteria for multiyear contracting, denies multiyear procurement of Stinger RMP, and recommends deletion of \$40,300,000 for Stinger advance procurement.

In March 1986, the Department forwarded a contractor-prepared study of the feasibility of establishing a second source to produce Stinger missiles. The conclusion drawn is that such a course would not produce cost savings, given the quantities and schedule now planned. On the other hand, the study recognizes that Stinger will probably be procured in larger quantity and for a longer time than is defined in the current baseline cost estimate. For that reason, the final sentence of the study is: "It is recommended, therefore, that second sourcing considerations not be abandoned but be maintained consistent with program baseline changes." The Committee is advised that there are firms ready and willing to bid for second source production of Stinger. Under these circumstances, the Committee concludes that the Army is ill-advised to reject second sourcing without more thorough investigation. The Committee directs the Army to solicit not-to-exceed bids for Stinger RMP production in annual lots for the funded fiscal years 1988 through 1992. The results are to be reported to the Committee not later than March 31, 1987.

TOW II

The Army requested \$134,600,000 for 12,000 TOW II missiles. The Committee is advised that \$12,600,000 of prior year funds are available for application to fiscal year 1987. In addition, because of the possibility of future design changes, the Committee deems it prudent to restrain TOW II production to a total of 12,000 for the Army and Marine Corps combined. Accordingly, the Committee recommends \$68,400,000 for 8,600 TOW II missiles, a reduction of \$66,200,000 and 3,400 missiles from the budget request, offset in part by a transfer of \$12,600,000 of prior year funds.

MULTIPLE LAUNCH ROCKET SYSTEM

The Army budgeted \$474,200,000 for procurement of the Multiple Launch Rocket System. The Committee recommends \$461,700,000, a reduction of \$12,500,000. The reduction is offset by a transfer of \$12,500,000 from the fiscal year 1986 program. The \$12,500,000 was appropriated for engineering change orders but is now excess to program requirements.

Since fiscal year 1983, the Army has been procuring the MLRS system under a five year multiyear contract (ending in fiscal year 1987) with options for fiscal years 1988 and 1989. When the contract was executed, it was anticipated that the MLRS program would be "bought out" in fiscal year 1989. Last March, the Army notified the Committee that it would continue to procure rockets through fiscal year 1993. In addition, the fiscal year 1987 budget includes \$78,300,000 to procure 44 launchers; launcher procurement is now forecast through fiscal year 1990. Under the multiyear contract, the last launcher procurement was funded in fiscal year 1986.

Since the current multiyear contract will not now "buy out" the MLRS program, the Committee is concerned that the remaining program be procured in the most sensible and cost effective manner. In this regard, a second multiyear contract, with competition at the prime or subcontractor level, appears to be an attractive strategy. The Committee wishes to know the overall, long range procurement strategy before commitments are made outside the multiyear contract. The Committee therefore directs the Army to submit its proposed procurement strategy, together with justification to support it, before obligating any fiscal year 1987 launcher procurement funds.

MODIFICATION OF MISSILES

PATRIOT MODIFICATIONS

The Army requested \$38,600,000 for Patriot Modifications. Included in that sum are \$16,700,000 for an upgraded data link intended to use the SINCGARS radio. In view of the severe difficulties encountered in the SINCGARS program, the Committee finds that funds for upgrading the Patriot data link should be deferred. Accordingly, the Committee recommends \$21,900,000 for Patriot Modifications, a reduction of \$16,700,000 from the budget request.

HAWK MODIFICATIONS

The Army requested \$68,200,000 for HAWK Modifications. Included in that sum are \$7,700,000 for first article testing of kits that will not be delivered until late in fiscal year 1988, and which can therefore be deferred. In addition, the Committee is advised that the budget request was not prepared using the most recent inflation indices, resulting in a request which is too high by \$1,700,000. Accordingly, the Committee recommends \$58,800,000 for HAWK Modifications, a reduction of \$9,400,000 from the budget request.

INFLATION ADJUSTMENT

As discussed in the beginning of the Procurement section of this report, the Committee recommends an inflation adjustment of \$29,900,000.

PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY

Appropriations, 1986	4,650,400,000
Adjusted base, 1986	4,420,845,000
New obligational authority, 1987:	
Estimate	4,452,600,000
Recommended	3,828,000,000
Decrease	624,600,000
Total recommended in the bill	¹ 3,836,500,000

¹ Includes \$3,828,000,000 in new obligational authority, and in addition \$8,500,000, to be derived by transfer from "Procurement of Weapons and Tracked Combat Vehicles, Army 1986/1988".

This appropriation finances the acquisition of tanks; personnel and cargo carriers; tracked recovery vehicles; self-propelled and

towed howitzers; machineguns; mortars; modification of in-service equipment; initial and replenishment spares, repair parts; and production base support.

PROGRAM RECOMMENDED

The total amount recommended in the bill provide the following program in fiscal year 1987:

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
PROCUREMENT OF MTCV, ARMY						
TRACKED COMBAT VEHICLES						
CARRIER, COMMAND POST LIGHT, PT. M577A2	300	64,100	300	64,100	--	---
BRADLEY FIGHTING VEHICLES (MVP)	870	1,121,800	593	830,000	-277	-291,800
BRADLEY FIGHTING VEHICLES (MVP) (AP-CV)	--	20,600	--	20,600	--	---
BRADLEY PVS TRAINING DEVICES	--	9,500	--	9,500	--	---
FIELD ARTILLERY AMMUNITION SUPPORT VEH.	141	67,500	141	58,800	--	-8,700
FIELD ARTILLERY AMMUNITION SUPPORT VEH (BY TRANSFER)	--	---	--	(3,200)	--	(-3,200)
RECOVERY VEHICLE, MED. PT. M88A1	--	42,800	--	---	--	-42,800
ABRAMS TANK SERIES ROLL (MVP)	840	1,643,600	840	1,578,600	--	-65,000
ABRAMS TANK SERIES ROLL (MVP) (AP-CV)	--	351,400	--	321,900	--	-29,500
M60 SERIES TANK TRAINING DEVICES	--	33,500	--	33,500	--	---
M1 SERIES TANK TRAINING DEVICES	--	9,500	--	8,500	--	-1,000
MODIFICATION OF TRACKED COMBAT VEHICLES						
CARRIER, MOD.	3	48,400	--	41,900	--	-6,500
FIST VEHICLE (MOD)	--	53,800	--	53,800	--	---
BPVS SERIES (MOD)	--	35,100	--	35,100	--	---
HOWITZER, MED SP PT 155MM M109 SER (MOD)	--	20,800	--	3,000	--	-17,800
TANK, COMBAT, PT. 105MM GUN, M408A1 (MOD) (MVP)	--	48,300	--	48,300	--	---
TANK, M1 SERIES (MOD)	--	80,600	--	45,900	--	-34,500
TANK, M1 SERIES (MOD) (BY TRANSFER)	--	---	--	(5,300)	--	(-5,300)
MOB THG BASE EQUIP	--	17,000	--	15,500	--	-1,500
HOST NATION SUPPORT	--	4,700	--	4,700	--	---
SUPPORT EQUIPMENT AND FACILITIES	--	469,800	--	438,300	--	-33,500
SPARES AND REPAIR PARTS	--	2,000	--	2,000	--	---
ITEMS LESS THAN \$2.00 (TCV-MTCV)	--	57,800	--	57,800	--	---
PRODUCTION BASE SUPPORT (TCV-MTCV)	--	---	--	---	--	---
TOTAL, TRACKED COMBAT VEHICLES		4,202,400		3,669,800		-532,600
WEAPONS AND OTHER COMBAT VEHICLES						
HOWITZER, LICHT-TOWED, 105MM, L119	64	26,500	64	26,500	--	---
MACHINE GUN, 7.62MM, M60	1,647	5,000	--	---	--	-1,647
ARMOR MACHINE GUN, 7.62MM M240	4,509	24,200	--	---	--	-4,509
SQUAD AUTOMATIC WEAPON (SAW) 5.56MM	4,800	12,900	4,800	12,900	--	---
LAUNCHER, SMOKE GRENADE	4,217	1,800	4,217	1,800	--	---
MORTAR, 81MM, M122	457	10,100	457	10,100	--	---
MORTAR 120 MM	145	13,200	145	13,200	--	---
M16 RIFLE	76,235	36,800	76,235	36,800	--	---
PERSONAL DEFENSE WEAPON, MPM	21,219	4,400	21,219	4,400	--	---
VEH RAPID FIRE MPM SYS-BUSMASTER (MVP)	947	37,300	947	37,300	--	---
VEH RAPID FIRE MPM SYS-BUSMASTER (MVP) (AP-CV)	--	3,200	--	3,200	--	---
MODIFICATION OF WEAPONS AND OTHER COMBAT VEHICLES						
M16A1 RIFLE MODS	--	3,300	--	3,300	--	---
MODIFICATIONS UNDER \$2.00 (MOCV-MTCV)	--	4,000	--	4,000	--	---
SUPPORT EQUIPMENT AND FACILITIES	--	17,600	--	17,600	--	---
REP SPARES AND REPAIR PARTS (MOCV-MTCV)	--	3,300	--	3,300	--	---
ITEMS LESS THAN \$2.00 (MOCV-MTCV)	--	37,000	--	37,000	--	---
PRODUCTION BASE SUPPORT (MOCV-MTCV)	--	9,600	--	---	--	-9,600
CANNON TUBE PURCHASING FOR SURGE	--	---	--	---	--	---
TOTAL, WEAPONS AND OTHER COMBAT VEHICLES		250,200		211,400		-38,800
INFLATION SAVINGS, FY87	--	---	--	-53,200	--	-53,200
TOTAL, PROCUREMENT OF MTCV, ARMY		4,452,600		3,828,000		-624,600
TRANSFER FROM OTHER ACCOUNTS	--	---	--	(8,500)	--	(-8,500)
TOTAL FUNDING AVAILABLE		4,452,600		3,836,500		-616,100

COMMITTEE RECOMMENDATIONS

AUTHORIZATION CHANGES

The Committee recommends the following changes in the budget estimate, in accordance with authorization action:

[In thousands of dollars]

	Budget request	Committee recommended	Change from request
Bradley fighting vehicle	1,121,800	830,000	- 291,800
M-1 tank	1,643,600	1,578,600	- 65,000
M-1 training devices	9,500	8,500	- 1,000
Carrier mods	48,400	41,900	- 6,500
Mob. base training equipment	17,000	15,500	- 1,500
Spares	469,800	436,300	- 33,500
M60 7.62mm machine gun	5,000		- 5,000
M240 7.62mm machine gun	24,200		- 24,200

TRACKED COMBAT VEHICLES

FIELD ARTILLERY AMMUNITION SUPPORT VEHICLE

The Army budgeted \$67,500,000 for procurement of 141 Field Artillery Ammunition Support Vehicles (FAASV). The Committee recommends \$58,800,000 for procurement of 141 vehicles, a reduction of \$8,700,000. The reduction is partially offset by a transfer of \$3,200,000 from the fiscal year 1986 program. These funds are excess to current requirements. The remaining reduction consists of anticipated contract savings.

M-88 RECOVERY VEHICLE

The Army budgeted \$42,800,000 for procurement of M-88 recovery vehicles. The budget proposed initial procurement of a product-improved version of this vehicle which will be able to tow the M1A1 tank. The development, engineering, and testing effort for this improved vehicle has not yet begun because the required reprogramming has not been approved by all Committees. That effort is scheduled to continue through fiscal year 1988. Authorization action has reduced the budget amount to \$8,800,000. Clearly this is insufficient for a fully funded procurement program, even if the testing is both timely and successful. Therefore the Committee recommends denial of the entire amount, without prejudice to consideration of procurement funding in the fiscal year 1988 budget.

M-1 TANK

ADVANCE PROCUREMENT

The Army budgeted \$351,400,000 for M-1 tank advance procurement. The Committee recommends \$321,900,000, a reduction of \$29,500,000 based on revised estimates from the Army.

MODIFICATION OF TRACKED COMBAT VEHICLES

M109 155MM SELF PROPELLED HOWITZER MODIFICATIONS

The Army budgeted \$20,800,000 for M109 155mm self propelled howitzer modifications. Included in this amount was \$17,800,000 for the Howitzer Improvement Program, a major, multiyear effort to upgrade and modernize the M109. After the budget was prepared, the HIP was restructured. The current program calls for a "limited production" decision near the end of fiscal year 1988. Therefore, HIP procurement funding is clearly premature in fiscal year 1987. Therefore, the Committee recommends \$3,000,000 for non-HIP modifications and denial of the \$17,800,000 for HIP procurement.

M-1 TANK MODIFICATIONS

The Army budgeted \$80,400,000 for M-1 tank modifications. The Committee recommends the following reductions:

- \$12,000,000 for the mobility diagnostic module because a production decision will not be made until fiscal year 1988.
- \$17,200,000 for the auxiliary power unit. The procurement strategy is being restructured and it is doubtful that a contract can be awarded until fiscal year 1987. Funding totalling \$25,800,000 has been provided in fiscal years 1985 and 1986. Therefore additional funding in fiscal year 1987 is unnecessary.
- \$5,300,000 for the self cleaning air filter, offset by a transfer of excess fiscal year 1986 funding for this program.

In all, the Committee recommends \$45,900,000 for M-1 modifications, a reduction of \$34,500,000 offset in part by a \$5,300,000 transfer from fiscal year 1986.

M119 105MM HOWITZER

The Army budgeted \$26,500,000 for initial procurement of the M119 105mm towed howitzer. The Committee recommends the budget estimate, subject to authorization.

81MM MORTAR

The Army budgeted \$10,100,000 for the 81mm mortar. The Committee recommends the budget estimate, subject to authorization.

SUPPORT EQUIPMENT AND FACILITIES

CANNON TUBE FORGINGS FOR SURGE

The Army budgeted \$9,600,000 for "cannon tube forgings for surge". This is part of a Defense-wide mobilization surge program under which long lead components for critical end items are procured to serve as a "rolling stock" in production to reduce the response time in the event of mobilization. The budget proposal would fund the procurement of tube and breech forgings for the M-1 tank. While the Committee supports the mobilization surge program, the budget proposal appears to be an inappropriate use of these funds. In the first place, the M-1 tank does not appear on the Commander-in-Chiefs "Critical Item List" which is the basis for selecting candidates for this program. Secondly, even if the tank was

a critical item, the proposal would not increase surge production for tanks but only for gun tubes. The Committee therefore recommends denial of the budgeted request.

INFLATION ADJUSTMENT

As discussed in the beginning of the Procurement section of this report, the Committee recommends an inflation adjustment of \$53,200,000.

PROCUREMENT OF AMMUNITION, ARMY

Appropriations, 1986	\$2,497,200,000
Adjusted base, 1986	2,374,837,000
New obligational authority, 1987:	
Estimate	2,254,000,000
Recommended	2,068,988,000
Decrease	185,012,000
Total recommended in the bill	¹ 2,108,550,000

¹ Includes \$2,068,988,000 in new obligational authority, and in addition \$39,562,000 in prior year unobligated balances, to be derived by transfer from "Procurement of Ammunition, Army, 1986/1988".

This appropriation finances the acquisition of ammunition, modification of in-service stock, and related production base support including the maintenance, expansion, and modernization of industrial facilities and equipment.

PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 1987:

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
PROCUREMENT OF AMMUNITION, ARMY						
AMMUNITION						
ATOMIC MATERIEL						
NUCLEAR WEAPONS SUPPORT MATERIEL	--	2,400	--	2,400	--	---
PROJ. NUCLEAR 155MM	--	11,700	--	11,700	--	---
CONTROLLED ITEMS						
CTG. 5.56MM. BALL M193	109,784	15,000	109,784	15,000	--	---
CTG. 5.56MM. TRACER	20,982	5,600	20,982	5,600	--	---
CTG. 5.56MM. TRACER CLIP	15,625	4,800	15,625	4,800	--	---
CTG. 5.56MM. BLANK M200	56,965	7,000	193,733	19,500	+138,768	+12,500
CTG. 5.56MM. DIA M200, LRD F/SAN	90,476	18,400	90,476	18,400	--	---
CTG. 5.56MM. 4 BALL M155/1 TRCR M156 LRD	99,098	29,400	99,098	29,400	--	---
CTG. 5.56MM. BALL M16-A2	18,845	5,400	18,845	5,400	--	---
CTG. 7.62MM. 4 BALL M80/1 TRCR M62 LRD	275,589	68,500	134,769	33,300	-140,800	-35,200
CTG. 7.62MM. BALL M80 LRD/M13	10,562	2,700	10,562	2,700	--	---
CTG. 7.62MM. LRD 4 BALL 1TRACER ONP	1,667	500	1,667	500	--	---
CTG. 7.62MM. BLANK M82 LRD/M13	72,064	15,900	89,159	19,300	+17,075	+3,400
CTG. CAL. 45. BALL M1911	5,934	700	5,934	700	--	---
CTG. CAL. 50. PLASTIC LRD 4 BALL/1 TRACER	4,665	5,400	4,665	5,400	--	---
CTG. CAL. 50. LRD 4 BALL/1 TRCR W/M15A2/LR	7,395	9,600	7,395	9,600	--	---
CTG. CAL. 50. APIT, M20 LRD	5,024	4,000	5,024	4,000	--	---
CTG. CAL. 50. BALL LRD	2,778	2,500	2,778	2,500	--	---
CTG. CAL. 50. LRD 4 BALL/1 TRACER W/M19 LR	23,752	22,900	13,752	22,900	--	---
NATIONAL BOARD FOR RIFLE PRACTICE	--	---	--	-1,350	--	-1,350
CTG. 10MM. LRD TP-T M220 SERIES M1642	3,028	9,700	5,674	11,300	+7,688	+1,600
CTG. 10MM. LRD 4 TP M15A2/1TP-T M220	1,202	3,300	1,935	5,300	+733	+2,000
CTG. 15MM. M1-T M792 W/F	2,813	48,700	1,188	24,700	-1,415	-24,500
CTG. 15MM. TPT LRD M793 M18 M28	2,018	25,500	2,018	25,500	--	---
CTG. 10MM. LRD TP M788	280	2,400	280	2,400	--	---
CTG. 40MM. RESP M430	2,673	28,700	2,673	28,700	--	---
CTG. 40MM TP F/M19	541	7,500	541	7,500	--	---
CTG. 40MM. PRAC M781	363	3,600	6,670	19,700	+4,307	+8,600
CTG. 40MM. RED SMOKE MARKER	153	1,800	153	1,800	--	---
CTG. 40MM. GREEN SMOKE MARKER	141	1,900	141	1,800	--	---
CTG. 40MM. YELLOW SMOKE MARKER	139	1,900	139	1,800	--	---
CTG. 81MM. ILLUM M953	12	5,400	12	3,400	--	---
CTG. 81MM. HE. M821 W/PUZE M734 MO	404	91,300	134	30,700	-170	-61,100
CTG. 81MM. SMOKE. HE. M919	45	11,000	24	6,000	-21	-5,000
CTG. 81MM. 1/10 SMO. PRAC XM980	41	2,900	41	3,900	--	---
CTG. 4.2-IN HE M32A2 W/O PUZE	247	27,000	247	22,000	--	---
CTG. 120MM. HE. XM935. W/PUZE M734 MO	176	44,700	66	23,500	-60	-21,200
CTG. 120MM. ILLUM. XM930	11	5,500	7	3,600	-4	-1,900
CTG. 120MM. SMOKE. XM929	29	14,300	16	7,400	-13	-6,900
CTG. 105MM. HEAT HP T M15A2	19	7,700	--	--	-19	-7,700
CTG. 105MM. HEAT HP T M15A2 (GENERAL REDUCTION)	--	---	--	-39,562	--	-39,562
CTG. 105MM. HEAT HP T M15A2 (BY TRANSFER)	--	---	--	(39,562)	--	(39,562)
CTG. 105MM. DS-TP M724	274	41,600	274	41,600	--	---
CTG. 105MM. APFSDS-T M813	41	20,900	41	20,300	--	---
CTG. 120MM APFSDS-T M829	62	75,900	62	75,900	--	---
CTG. 120MM HEAT HP-T M830MVP1	15	27,800	15	27,800	--	---
CTG. 120MM TRCDS-T. M831MVP1	174	104,900	153	92,500	-21	-12,400
PROJ. 155MM HE. 1CM M483	441	173,000	274	87,900	-217	-85,100
PROJ. 155MM. SMO. HP M825	52	13,500	88	22,900	+36	+9,400
PROJ. 155MM HE. ADAM M731	9	31,900	9	33,900	--	---
PROJ. 155MM. HE. ADAM M719	9	11,900	9	8,800	--	-5,100
PROJ. 155MM. HE. ADAM M741	74	105,400	44	65,400	-30	-40,000
PROJ. 155MM. BASKETED. XM64	35	31,800	35	31,800	--	---
PROJ. 155MM. HE. COPPERHEAD (EA)	220	8,200	220	8,200	--	---
CHARGE. PROPELLING. M155MM. GREEN BAG M3	846	38,000	600	26,300	-246	-11,700
CHARGE. PROPELLING. M155MM. RED BAG M203	77	20,000	25	6,500	-52	-13,500
CHARGE. PROPELLING. M155MM. RED BAG M119	637	55,600	517	45,100	-120	-10,500
PROJ. 8-INCH. HE. SAP. M650	36	37,300	23	23,800	-13	-13,500
CHARGE. PROPELLING. 8-INCH WB. M188	27	4,000	--	--	-27	-4,000
PUZE. PD M739/M73A1	--	---	480	9,700	480	+9,700
PUZE. M750 M577/M577A1	209	11,700	287	15,100	+60	+3,400
PUZE. M750 M582/M582A1	191	11,200	191	11,200	--	---
PRIMER. PSC. M92	970	1,800	1,844	3,000	+844	+1,200
CANISTER MINE PRACTICE AMMO (VOLCANO)	8	1,900	--	--	-8	-1,900
CANISTER MINE (VOLCANO) AMMO	16	31,600	--	--	-16	-31,600
WBX BKT 5 IN M822 M084	4,048	19,300	2,770	9,100	-1,278	-4,200
LINE CHARGE M583 (MILIC)	2,307	24,400	2,203	23,300	-104	-1,100
MODULAR PAK MINE SYSTEM	1,940	23,400	1,940	23,400	--	---
PURSUIT DETERRENT MUNITION	11	2,100	11	2,100	--	---
DEMOLITION MUNITIONS & OTHER	--	13,700	--	13,700	--	---
LIGHTWEIGHT MULTI-PURPOSE WEAPON	156	82,500	82	69,500	-54	-13,000
LIGHT WGT MULTI PURPOSE SYSTEM THRM	963	2,500	963	2,500	--	---
HYDRA 70 ART. MPM PRAC M57 WD	4	2,700	46	21,600	+42	+18,900

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
RYDA 70 RKT, RZ/PB (H151/H423/HW44).....	185	44,800	200	53,500	+15	+7,700
RYDA 70 RKT, ILLUM H157 WMD.....	--	--	27	19,600	+27	+19,600
RYDA 70 SMOKE.....	--	--	28	13,700	+28	+13,700
GRENADE, HAND, ALL TYPES.....	--	27,400	--	27,400	--	--
CHEN SMO SCREENING RP LBAT/LBAS.....	150	4,300	50	2,100	-100	-4,200
GRENADE, SMOKE SCREENING IN WPA.....	91	9,000	91	9,000	--	--
SIGNALS, ALL TYPES.....	--	18,000	--	18,000	--	--
SIMULATORS, ALL TYPES.....	--	4,300	--	8,700	--	+4,400
MISCELLANEOUS						
APPO COMPONENTS/SUPPORT, ALL TYPES.....	--	20,300	--	20,300	--	--
CAD/PAD.....	--	2,500	--	2,500	--	--
ITEMS LESS THAN \$2.00 (WISC-AMM).....	--	5,200	--	8,700	--	+1,500
SPARES AND REPAIR PARTS.....	--	1,200	--	1,200	--	--
AMMUNITION SPECIAL EQUIPMENT.....	--	7,800	--	6,300	--	-1,500
NITROCARBIDINE (LB).....	--	23,200	--	--	--	-23,200
COMP A/S.....	--	12,200	--	--	--	-12,200
COMP C-4.....	--	9,500	--	--	--	-9,500
PBA Q2W.....	--	3,800	--	--	--	-3,800
COMP LA-14.....	--	3,800	--	--	--	-3,800
HPX EXPL-805.....	--	5,700	--	--	--	-5,700
APPO GUN/ELT.....	--	1,600	--	1,600	--	--
CLASSIFIED PROGRAMS.....	--	99,600	--	38,800	--	-60,800
GENERAL INCREASE, AMMUNITION.....	--	--	--	358,000	--	+358,000
TOTAL, AMMUNITION.....		1,900,100		1,799,188		-100,912
AMMUNITION PRODUCTION BASE SUPPORT						
PRODUCTION BASE SUPPORT	--	159,000	--	108,400	--	-50,600
PROVISION OF INDUSTRIAL FACILITIES.....	--	8,700	--	8,700	--	--
COMPONENTS FOR PROVE-OUT.....	--	22,900	--	22,900	--	--
LAYAWAY OF INDUSTRIAL FACILITIES.....	--	2,200	--	2,200	--	--
JEFFERSON PROVING GROUND MODERNIZATION.....	--	161,100	--	58,300	--	-102,800
PRODUCTION BASE MODERNIZATION.....	--	--	--	87,000	--	+87,000
GENERAL INCREASE, PRODUCTION BASE.....	--	--	--	--	--	--
TOTAL, AMMUNITION PRODUCTION BASE SUPPORT.....		353,900		287,500		-66,400
INFLATION SAVINGS, PY87.....	--	--	--	-17,700	--	-17,700
TOTAL, PROCUREMENT OF AMMUNITION, ARMY.....		2,254,000		2,048,988		-185,012
TRANSFER FROM OTHER ACCOUNTS.....		--		(39,562)		(+39,562)
TOTAL FUNDING AVAILABLE.....		2,254,000		2,109,550		-144,450

THE DOMESTIC AMMUNITION PRODUCTION BASE

In last year's report, the Committee expressed its concern that unfair competition from foreign sources was jeopardizing domestic manufacturing capability that would be needed for mobilization. The Committee directed the Secretary of Defense to make several determinations and report to the Committee by May 31, 1986. The report has not been received.

The Committee has heard increasing concern from domestic ammunition producers that the ammunition production base in this country is being eroded by foreign competition. In some cases we have been buying offshore because a foreign producer submitted the low bid in a full and open competition. In other cases we are buying munitions from a foreign producer who designed the ammunition. In still other cases we are buying munitions offshore as part of offset or other international agreements.

The Committee supports competition in ammunition procurement and the growing "two way street" agreements with our allies. However, the Committee believes that our national security interests require a vigorous domestic ammunition production base. The Committee is concerned that growing offshore ammunition procurement may be jeopardizing the latter objective. However, before taking legislative action on this matter, a factual accounting of the magnitude of offshore procurement is required. Therefore, the Committee directs that the Department submit a list of all offshore ammunition procurement for the past three years and a projection for the next three years by December 31, 1986. The list shall include the item name, the dollar amount involved, the country and contractor from whom procured, and the year of funding. It shall include both end items and major components.

The Committee also believes that ammunition is being procured offshore without any overall policy. Such a policy should guide procurement authorities on when offshore procurement is appropriate and when mobilization base considerations dictate that procurement should be confined to domestic sources. Therefore, the Committee also directs that the Department establish a clear policy for offshore procurement of ammunition and submit it, along with a rationale and justification, with the list directed above. The list and the policy statement will be used by the Committee as it considers additional legislative action in the context of the fiscal year 1988 budget.

TRAINING AMMUNITION

The Committee recognizes that regular and sustained training is a critical component of military readiness. The Committee has consistently supported training ammunition budgets.

In hearings this year, the Army stated that its training ammunition budget was underfunded by \$200,000,000, or 38 percent. The underfunded situation results from "evaluation of Army priorities". In part, the stated impact of this shortfall will be reduced training. Another claimed impact is a drawdown of war reserve ammunition, valued at \$94,300,000, during the fiscal year 1987 funded delivery period.

While the Army was testifying to an underfunded training ammunition budget, the Auditor General of the Army was completing an audit of this program. The audit (HQ 86-200, "Audit of Training Ammunition Management") is dated January 16, 1986 and was made available to the Committee after the hearing. The extensive and comprehensive audit emphasized requirements and authorization expenditures, training devices, accountability, stock management, data processing support and related internal controls. The introduction to the audit summarizes the major findings.

In general, policies and actions at major commands did not aggressively promote the conservation of training ammunition or the use of training devices, and managers were not evaluating whether the quantities of ammunition used were appropriate. These conditions, coupled with high authorizations, could lead to waste of training ammunition. Specific examples of these conditions include (i) the use of full caliber ammunition rather than available training devices, (ii) excessive expenditures of ammunition at yearend, (iii) use of different amounts of ammunition by like units, (iv) ammunition buried on firing ranges instead of being turned in, and (v) attempted sales of ammunition by soldiers. Also, ammunition issue and turn-in procedures were not effective and stockage policies were not adequate. The Training Ammunition Management Information System did not provide information needed by training and ammunition managers.

These findings are supported by data and specific examples. Detailed recommendations are included.

The Committee desires a training ammunition program which provides sufficient support to readiness. But it also expects that training ammunition resources be carefully husbanded and competently managed. The audit cited above, and many others over the years, point to serious and persistent problems. Clearly, the management of training ammunition requires more attention at all levels. The recommendations in the audit are the first steps which must be taken to achieve this attention.

While the Committee has recommended selected increases in training ammunition, the total recommendation still falls short of correcting the claimed budget shortfall. However, the Committee expects that greater management attention to this area, combined with the implementation of the audit recommendations, will reduce, if not eliminate, the shortfall.

The Committee directs the Army to report quarterly on actions taken to implement the audit recommendations as well as other actions taken to improve management of this important program.

COMMITTEE RECOMMENDATIONS

AUTHORIZATION CHANGES

The Committee recommends the following changes in the budget estimate, in accordance with changes recommended by the authorization legislation:

(In thousands of dollars)

	Budget request	Committee recommended	Change from request
5.56 blank	7,000	19,500	+ 12,500
7.62 blank	15,900	19,300	+ 3,400
20mm ammunition	13,000	16,600	+ 3,600
25mm HEI-T	48,700	24,200	-24,500
40mm practice	3,600	10,200	+ 6,600
81mm smoke	11,000	6,000	- 5,000
120mm mortar	64,500	34,500	-30,000
105mm HEAT	7,700		- 7,700
120mm TP	104,900	92,500	-12,400
155mm smoke	13,500	22,900	+ 9,400
155mm RAAMS	117,300	74,200	-43,100
155mm green bag prop charge	38,000	26,300	-11,700
Point detonating fuze		9,700	+ 9,700
Fuze MTSQ	11,700	15,100	+ 3,400
Primer, perc.	1,800	3,000	+ 1,200
MCLIC rocket	13,300	9,100	- 4,200
MCLIC charge	24,400	23,300	- 1,100
Hydra rockets	47,500	107,400	+ 59,900
Simulators	4,300	8,700	+ 4,400
Items less than \$2.0 million	5,200	6,700	+ 1,500

AMMUNITION

The following reductions are recommended based on papers from the Army showing realignments proposed as a result of events taking place after the budget was prepared:

(In thousands of dollars)

Item	Budget	Recommended	Change
7.62mm 4 ball	68,500	33,300	- 35,200
81mm HE	91,300	30,200	-61,100
8-inch RAP	37,300	23,800	-13,500
8-inch white bag prop charge	4,000		- 4,000

CIVILIAN MARKSMANSHIP PROGRAM

For reasons discussed earlier in this report under "National Board for the Promotion of Rifle Practice, Army," the Committee recommends a general reduction of \$1,350,000.

M483 155MM IMPROVED CONVENTIONAL MUNITION

The Army budgeted \$173,000,000 to procure 441,000 M483 155mm Improved Conventional Munitions. The Committee recommends \$87,900,000 for 224,000 projectiles, a reduction of \$85,100,000 and 217,000 projectiles. The reduction is made in recognition of funded delivery period problems and late obligation of a large portion of the fiscal year 1986 appropriation.

Last year, the Congress stipulated that only \$181,100,000 of the \$269,000,000 appropriated could be obligated until the Army investigated the production problems at the Mississippi Army Ammuni-

tion Plant (MSAAP) and reported back to the Committee. The Committee has not yet received the Army's report. However, hearings and a recent Army Audit Agency report confirm that the problems continue. Two and one-half years after the plant was to be "fully operational", it can produce projectiles at only a fraction of the design capacity. Those projectiles that are produced cost twice what is paid for the same projectiles made at other plants. The Committee understands that the Army is considering investing an additional \$120,000,000 or more in MSAAP for improvements which might not be completed until 1990. This represents more than a six year program slip and a cost overrun in excess of 30 percent.

The Committee notes that the outyear funding projection for the M483 provides less than 12 months production on a one shift basis at either of the other production facilities. The Army testified that, given these circumstances, MSAAP cannot be economically sustained as an active production facility. In addition, the fiscal year 1987 budget funds the first procurement of the M864 projectile which is a partial replacement for the M483. The acquisition objective for the M483 is therefore being reduced.

The Committee believes that the Army should carefully consider the cost-effectiveness of further investment at MSAAP at this time. Given the circumstances noted above, the priority of such investment compared to other urgent production base requirements would appear to be low. The Committee directs that any such investment be subject to the normal authorization/appropriation process.

105MM HEAT

After the budget was submitted, the Army cancelled the fiscal year 1986 and 1987 procurement of 105mm high explosive anti-tank ammunition. Therefore, in addition to recommending a reduction of \$7,000,000 in the fiscal year 1987 budget (as proposed by authorization legislation) the Committee recommends a general reduction of \$39,562,000 offset by a transfer of fiscal year 1986 105mm HEAT funding.

155MM BASEBLEED

The Army budgeted \$31,600,000 for procurement of 35,000 155mm basebleed artillery projectiles. This is the initial procurement funding for this projectile. The Committee recommends the budget request but directs the Army to report to the Committee on the results of all tests and on production base decisions and milestones prior to obligating the funds.

GB-2 155MM BINARY CHEMICAL PROJECTILE

The Army budgeted \$60,600,000 for procurement of the GB-2 binary chemical projectile. In fiscal year 1986, \$21,700,000 was appropriated to initiate procurement of this projectile. The Appropriation Act, however, required that the funds could not be obligated before the beginning of fiscal year 1987. Since procurement funding is therefore already available in fiscal year 1987, and since there is

no facility to produce the chemical DC to fill the budgeted projectiles, the Committee recommends no additional funding in fiscal year 1987.

155MM RED BAG PROP CHARGE M203

The Army budgeted \$20,000,000 for procurement of 77,000 M203 155mm red bag prop charges. The Committee recommends \$6,500,000, a reduction of \$13,500,000 since 52,000 of the charges are scheduled to be delivered beyond the approved funded delivery period.

155MM RED BAG PROP CHARGE M119

The Army budgeted \$55,600,000 for procurement of 637,000 M119 155mm red bag prop charges. The Committee recommends \$45,100,000, a reduction of \$10,500,000 since 120,000 charges are scheduled to be delivered beyond the approved funded delivery period.

VOLCANO MINE AND CANISTER

The Army budgeted \$1,900,000 for procurement of Volcano mines and \$31,600,000 for procurement of the Volcano canister. This is the initial procurement funding for the Volcano system. The Committee believes that budget constraints preclude this new start. In addition, test results have been inconclusive and there is a possibility of cost saving as a result of using a different canister which will not be available until fiscal year 1988. The Committee therefore recommends a reduction of \$33,500,000.

AT-4 LIGHTWEIGHT ANTIARMOR SYSTEM

The Army budgeted \$82,500,000 for procurement of 136,000 AT-4 lightweight antiarmor/multipurpose weapons. This is the third and final option year under the contract that was awarded after an international "shoot off" for this weapon. Although the Army has stated its intention to establish a U.S. production capability, the budget makes no provision for this purpose. The committee therefore recommends \$44,500,000 for procurement of 72,000 AT-4's from the current offshore producer. In addition, the Committee recommends \$10,000,000 for nonrecurring costs and \$15,000,000 for low rate initial production of 10,000 weapons from onshore production. The Committee directs the Army to provide a detailed plan for establishing onshore production by December 30, 1986. In all, the Committee recommends \$69,500,000, a reduction of \$13,000,000.

SMOKE SCREENING GRENADE

The Army budgeted \$6,300,000 for procurement of 150,000 smoke screening grenades. Because of a variety of production problems, there is a large delivery backlog from prior year programs. In order to properly align the fiscal year 1987 program to the normal funded delivery period, the Committee recommends \$2,100,000 for 50,000 grenades, a reduction of \$4,200,000.

AMMUNITION PECULIAR EQUIPMENT

The Army budgeted \$7,800,000 for ammunition peculiar equipment. This line funds unique, low density equipment used in ammunition depot operations. Normally, each piece of equipment is itemized in the budget justification material. In fiscal year 1987, however, there is a new "plug" line titled "new APE requirements". No itemization or justification is presented for the \$1,500,000 included for this item. The Committee recommends \$6,300,000 for ammunition peculiar equipment, a reduction of \$1,500,000. This will still provide a 29 percent increase over fiscal year 1986.

EXPLOSIVES AND PROPELLANTS

The Army budgeted \$58,200,000 to procure a variety of explosives and propellants for stockpiling. Such proposals have been denied by Congress at least four times in the past on the basis of affordability and of violating full funding. The Committee again rejects this proposal and recommends denial of the \$58,200,000 budgeted to fund it.

GENERAL INCREASE—AMMUNITION

The Committee recommends a general, unallocated increase of \$358,000,000 in order to make the overall funding level for ammunition consistent with authorization legislation. The Army is directed to submit for approval an allocation of this amount, together with appropriate justification material.

AMMUNITION PRODUCTION BASE SUPPORT

PROVISION OF INDUSTRIAL FACILITIES PRODUCTION BASE MODERNIZATION

The Army budgeted \$159,000,000 for provision of industrial facilities. Another \$161,100,000 was budgeted for similar activities on a line called production base modernization. These lines fund projects for initial production facilities, expansion of facilities, and modernization of facilities. Congress has directed that designs must be complete for production base projects when the budget is submitted. Seven projects in the fiscal year 1987 budget, totalling \$133,400,000, do not meet this criterion and the Committee recommends denial of funding. The projects are as follows:

<i>Project</i>	<i>Amount</i>
Provision of industrial facilities:	
Modernize A-5 drying process, Holston AAP	\$5,900,000
Modernize Comp A facility, Holston AAP	24,700,000
Production base modernization:	
Expand facilities for M203A1, XM215, XM216, Sunflower and Indiana AAP's	58,300,000
Loading dock for explosives, Holston AAP	3,500,000
Equipment to complete TNT line, Radford AAP	2,000,000
Modernize second Comp B line, Holston AAP	24,000,000
Modernize Comp A facility line 9, Holston AAP	15,000,000
Total	133,400,000

The budget also included \$15,400,000 under Provision of Industrial Facilities for a second source for Bigeye chemical bomb metal parts. The Committee believes that this project is premature since the initial facility has not even been started and the Bigeye itself is still undergoing testing. The Committee recommends denial of this budget request.

The budget also included \$4,600,000 under Provision of Industrial Facilities for an expansion of the GB-2 metal parts facility. The Committee recommends denial of this request since the current facility can produce the quantities forecast in the budget.

In all, the Committee recommends \$108,400,000 for Provision of Industrial Facilities, a reduction of \$50,600,000 and \$58,300,00 for Production Base Modernization, reduction of \$102,800,000.

GENERAL INCREASE—PRODUCTION BASE

The Committee recommends a general, unallocated increase of \$87,000,000 for production base support in order to make the overall funding for this budget activity consistent with authorization legislation. The Army is directed to submit for approval an allocation of this amount, together with appropriate justification material.

PRODUCTION BASE REPROGRAMMING

The Army is reminded that the Committee still expects reprogrammings in excess of \$500,000 in production base projects to be submitted to the Committee for approval. In addition, the Committee still expects quarterly reports on all reprogrammings from current and prior year appropriations.

INFLATION ADJUSTMENT

As discussed in the beginning of the Procurement section of this report, the Committee recommends an inflation adjustment of \$17,700,000.

OTHER PROCUREMENT, ARMY

Appropriations, 1986	\$5,275,556,000
Adjusted base, 1986	5,018,700,000
New obligational authority, 1987:	
Estimated	6,169,000,000
Recommended	4,641,811,000
Decrease	1,527,189,000
Total recommended in the bill	¹ 4,892,811,000

¹ Includes \$4,641,811,000 in new obligational authority, and in addition \$91,000,000 to be derived by transfer from "Other Procurement, Army, 1985/1987" and \$160,000,000 to be derived by transfer from "Other Procurement, Army, 1986/1988".

This appropriation finances the acquisition of: (a) tactical and commercial vehicles, including trucks, semi-trailers, and trailers of all types to provide mobility and utility support to field forces and the worldwide logistical system; (b) communications and electronics equipment of all types to provide fixed, semi-fixed, and mobile strategic and tactical communications equipment; (c) other support equipment, such as chemical defensive equipment, tactical bridging, shop sets, construction equipment, floating and rail equipment,

generators and power units, material handling equipment, medical support equipment, special equipment for user testing, and nonsystem training devices. In each of these activities funds are also included for modification of in-service equipment, investment spares and repair parts, and production base support.

PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 1987:

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
OTHER PROCUREMENT, ARMY						
TACTICAL AND SUPPORT VEHICLES						
TACTICAL VEHICLES						
CHASSIS TRAILER GEN 2 1/2 TON 2W M200A1.....	908	4,100	908	4,100	--	---
CHASSIS, TRAILER, GP, 3 1/2T, 2W, M353.....	618	3,700	--	---	-618	-3,700
DOLLY SET, TRANS SHELTER, 7 1/2T, M1022.....	219	6,200	219	6,200	--	---
MOTORCYCLE, GED, 2W, ROUGH TERRAIN.....	2,732	7,100	--	---	-2,732	-7,100
SEMITRAILER 88/COMT 34T M872 C/S.....	286	6,400	286	6,400	--	---
SEMITRAILER, LOW BED, 40T M870 (C/S).....	73	1,900	73	1,900	--	---
SEMITRAILER, TANK, 5000G, MULEBULL.....	172	8,800	172	8,800	--	---
SEMITRAILER VAN SUPPLY 12T, 2W, M129A2C.....	187	7,300	--	---	-187	-7,300
TRAILER, CARGO 3/4T, 2W, M101A2 W/S.....	242	7,000	--	---	-242	-7,000
TRAILER, HEAVY, EXPANDED MOBILITY.....	1,476	5,600	1,476	5,600	--	---
TRAILER TANK WATER 400G 1 1/2T 2W M149A1.....	286	7,400	207	5,400	-79	-2,000
TRAILER TANK WATER 400G 1 1/2T 2W M149A1.....	966	5,900	966	5,900	--	---
H1 M8 MULTI-PURP WILD VEH (M8MVA)(MVP).....	12,842	330,600	12,842	330,600	--	---
SMALL UNIT SUPPORT VEHICLE (SUSV).....	241	26,200	241	13,800	--	-12,400
TRUCK, 5T, 6X6, ABT (MVP) (GENERAL REDUCTION).....	--	---	--	-119,800	--	-119,800
TRUCK, 5T, 6X6, ABT (MVP) (BY TRANSFER).....	--	---	--	(119,800)	--	(+119,800)
TRUCK, 10T, 6X6, ABT (MVP).....	1,523	234,300	1,773	284,300	+250	+50,000
MODIFICATION OF IN-SERVICE EQUIPMENT.....	--	3,800	--	---	--	-3,800
SHOP EQUIPMENT, AUTO MAINT & REF.....	306	2,500	306	2,500	--	---
ITEMS LESS THAN \$2.0M (TAC VEH).....	--	1,900	--	1,900	--	---
NON-TACTICAL VEHICLES						
PASSENGER CARRYING VEHICLES.....	480	13,800	--	---	-480	-13,800
GENERAL PURPOSE VEHICLES.....	2,246	34,900	--	---	-2,246	-34,900
SPECIAL PURPOSE VEHICLES.....	639	9,700	--	---	-639	-9,700
SUPPORT EQUIPMENT AND FACILITIES						
SPARES AND REPAIR PARTS.....	--	136,600	--	136,600	--	---
TOTAL, TACTICAL AND SUPPORT VEHICLES.....	--	865,700	--	694,200	--	-171,500
COMMUNICATIONS AND ELECTRONICS EQUIPMENT						
TELECOMM EQUIP - READ CMD COMM						
JCS EQUIPMENT (USREDCOM).....	--	1,800	--	1,200	--	-600
CINCS INITIATIVE.....	--	4,100	--	4,100	--	---
CLASSIFIED PROJECT 90A.....	--	9,100	--	9,100	--	---
TELECOMM EQUIP - JOINT TACTICAL COMM PR						
MOD RCSD TPC TERM (MWTI).....	--	31,900	--	---	--	-31,900
MOD RCSD TPC TERM (MWTI) (BY TRANSFER).....	--	---	--	(18,300)	--	(+18,300)
DIG GROUP MULTIPLEXER (DGM).....	--	10,800	--	---	--	-10,800
SPTR/TERM ASSEMBLERS.....	--	19,900	--	19,900	--	---
RADIO TERMINALS AN/TRC-170.....	--	32,400	--	32,400	--	---
MAINTENANCE SYSTEM AN/ARN-144.....	--	3,300	--	3,300	--	---
UNIT LEVEL SWITCHES.....	--	12,200	--	---	--	-12,200
COM SYS CON EL AN/TVC-16.....	--	23,600	--	23,600	--	---
DIG RSCD VTR TA-954.....	4,600	3,900	4,600	3,900	--	---
ANVT-TAC TERM, CV-3591.....	159	3,900	159	3,900	--	---
LIGHTWEIGHT DIGITAL FACSIMILE.....	85	1,200	85	---	--	-1,200
MOD SUBSCRIBER EQUIP.....	--	903,700	--	903,700	--	---
MOD OF IN-SVC EQ (TRI-TAC).....	--	9,900	--	9,900	--	---
TELECOMM EQUIP-COMBAT SUPPORT COMM						
SINCGARS.....	16,000	204,000	16,000	---	--	-204,000
HAND CHAIN GENERATOR, G-78.....	358	2,500	358	2,500	--	---
IMP HP RADIO FAMILY.....	--	11,100	--	---	--	-11,100
OPTICAL LONG HAUL TRAN SYS.....	620	9,300	620	9,300	--	---
PWR SUPPLY PP-6148/U.....	609	4,000	609	4,000	--	---
SOF MOD RADIOS.....	--	4,500	--	4,500	--	---
ANTENNA GROUP OE-254.....	13,540	6,500	13,540	6,500	--	---
SMALL UNIT TRANSCIVER.....	--	3,700	--	3,700	--	---
VEHICULAR INTERCOM SYSTEM.....	100	10,200	100	---	--	-10,200
MOD OF IN-SVC EQUIP (ICSC).....	--	26,400	--	19,500	--	-6,900
RDF COMM(S W. ASIA).....	--	14,900	--	14,900	--	---
ITEMS LESS THAN \$2.0M (CSC-C-E).....	--	5,900	--	5,900	--	---
SPEC OPS COMM SUP ELMT.....	--	15,200	--	15,200	--	---
TELECOMM EQUIP - MNC'S WIDE SUPPORT, ARN						
SECURE CONFERENCING PROJECT.....	--	4,500	--	4,500	--	---
TELECOMM EQUIP - STARCOM NON-DCS						
AN TELECOM AUTO PR (ATCAP).....	--	3,200	--	3,200	--	---
C-E FACILITIES/PROJECTS.....	--	4,700	--	4,700	--	---
SOUTHCOR C3 UPGRADE.....	--	16,000	--	11,600	--	-4,400
ELECTRONIC COMP PROG (ECP).....	--	500	--	500	--	---

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
LONG-HAUL COM (DCS)						
TRANSMISSION MEDIA (EUCOM)	--	11.100	--	11.100	--	---
TRANSMISSION MEDIA (PACOM)	--	15.800	--	15.800	--	---
SW TRCS COM IMP PR(MATCIP)	--	2.700	--	2.700	--	---
TELECOMM EQUIP - SATCOM-GRD ENVIRON						
DIGITAL EQUIPMENT (DSCS)	--	29.300	--	29.300	--	---
INTERCONNECT FACILITY (DSCS)	--	2.200	--	2.200	--	---
JAN RESISTANT SECURE COM (JRSCL)	--	9.300	--	9.300	--	---
DSCS OPERATIONS CONTROL SYS (DSCS)	--	40.300	--	41.100	--	-39.200
MPK SAT UNF TERM, AR/PSC-3	115	5.000	115	5.000	--	---
VEN SAT UNF TERM, AR/VSC-7	30	1.400	30	1.400	--	---
NDB IN-SVC EQUIP (TAC SAT)	--	7.000	--	7.000	--	---
TELECOMM EQUIP - EUCOM C3 SYSTEM						
EUCOM C3 (RMS)	--	68.400	--	68.400	--	---
PACOM C3 (RMS)	--	13.000	--	---	--	-13.000
EUCOM ALTERNATE SPT HQ (ASB)	--	3.800	--	3.800	--	---
USABRUC C2 PROJECT	--	7.700	--	7.700	--	---
TELECOMM EQUIP - COMSEC EQUIPMENT						
AUTO KEY DC KGC-93/TSEC	--	4.100	--	4.100	--	---
SEC VO IMPV P40 (COMSEC)	--	13.700	--	13.700	--	---
DED LOOP ENCRYP DEV KGC-84	4,155	18.700	4,155	18.700	--	---
TWR ENCRYP DEV TSEC/KGC-93	208	2.100	208	2.100	--	---
TSEC/KGC-94	--	12.300	--	12.300	--	---
KEY GENERATOR, TSEC/KGC-87	30	1.800	30	1.800	--	---
COMSEC MODULE, TSEC/KGC-13	753	19.900	753	19.900	--	---
PRQ MODULE, KGC-10/TSEC	18,200	9.100	18,200	---	--	-9.100
TSEC/KGV-5 (VACTOR) SECURE EQUIP	89	500	89	500	--	---
TIMEPST (COMSEC)	--	700	--	700	--	---
KGC-13/TSEC (KDC)	21	1.900	21	1.900	--	---
TSEC/KGV-8 (THORNTON) SECURE MODULE	17	400	17	400	--	---
TSEC/KGV-11 SECURE MODULE	--	1.400	--	1.400	--	---
ITEMS LESS THAN \$2.0M (COMSEC)	--	11.700	--	8.200	--	-3.500
TELECOMM EQUIP - BASE COMM						
BASE COMM (COMUS)	--	35.800	--	35.800	--	---
LOCAL AREA NETWORK (LAN)	--	1.700	--	1.700	--	---
BASE COMM (EUCOM)	--	7.900	--	7.900	--	---
BASE COMM (PACOM)	--	1.600	--	1.600	--	---
ARMY OPNS CTR	--	4.300	--	4.300	--	---
PENTAGON TELECOM CTR (PTC)	--	4.100	--	4.100	--	---
TMDE FOR TELECOMM						
TMDE MODERNIZATION	--	16.900	--	16.900	--	---
OTHER ELECT SYS/EQUIP - INTELLIGENCE SU						
4TH PSYOP GROUP	--	12.500	--	12.500	--	---
TAC ELEC SURV SYS	--	4.000	--	4.000	--	---
NDB IN SER EQ (INT SPT) TIARA	--	37.300	--	37.300	--	---
ITEMS LESS THAN \$2.0M (INT SPT-C-E)	--	500	--	500	--	---
PT OPENS TRAINING SUPPORT	--	400	--	400	--	---
OTHER ELECT SYS/EQUIP - AUTO DATA PROC						
VERT (RSTL AUTO BASELINE (VARIABLE-BASOPS))	--	41.800	--	---	--	-41.800
BATTERY COMPUTER SYSTEM	66	11.000	66	11.000	--	---
ARC FIVE YEAR ASP PROGRAM	--	4.000	--	---	--	-4.000
ARMY DATA DISTRIBUTION SYSTEM-ADDS	--	75.500	--	32.652	--	-42.848
TRADOC AUTOMATION	--	3.700	--	3.700	--	---
USABRUC TACTICAL AUTOMATION	--	2.000	--	2.000	--	---
LIFE CYCLE SOFTWARE SUP. (LCSS)	--	9.100	--	9.100	--	---
ADPS FOR NON TAC NOT INFO SYS	--	40.400	--	57.900	--	+17.500
SUPERCOMPUTERS	--	22.900	--	---	--	-22.900
ARMY CORPORATE DATABASE	--	900	--	---	--	-900
PROJECT BOX PHASE II	--	12.900	--	12.900	--	---
TRANS OF PERS PROP	--	2.900	--	---	--	-2.900
STD ARMY AUTO CONTRACT SV	--	6.800	--	6.800	--	---
FIRE SUPPORT TEAM DIGITAL MESSAGE	381	17.000	--	---	--	-381
FORWARD ENTRY DEVICE	--	12.000	--	12.000	--	---
HARVEY CONTROL SYS	--	56.900	--	---	--	-56.900
COMPS/THEATER ADV SVC CTR (CTASC)	--	9.700	--	9.700	--	---
TACT ARMY CTRY COMBAT SV (TACS)	1,940	42.900	1,940	42.900	--	---
CIS LOG APPLIC AUTO MARK/READ SYMBL (LOG MARK)	--	11.400	--	9.600	--	-1.800
MANCCS INFORMATION SYSTEM (MIS)	--	36.200	--	36.200	--	---
AUDIO VISUAL						
APRYS (AUDIO VISUAL)	--	8.000	--	8.000	--	---
ITEMS LESS THAN \$2,000,000 (A/V-C-E)	--	9.100	--	---	--	-9.100
TACJAN, AR/MLQ-34	--	33.000	--	33.000	--	---

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
OTHER ELECT SYS/EQUIP - ELECTRONIC WARF						
MOD IN-SVC EQUIP (EW).....	--	8,300	--	8,300	--	---
ITEMS LESS THAN \$2.0K (EW-C-E).....	--	800	--	800	--	---
OTHER ELECT SYS/EQUIP - TACTICAL ELECT						
BATTERY CHARGER PP-7286/U.....	535	3,000	535	3,000	--	---
POWER SUPPLY, PP-6224.....	2,400	3,200	2,400	3,200	--	---
COMPUTER/INDICATOR, CP-650/PB.....	1,102	3,700	1,102	3,700	--	---
METEOROLOGICAL DATA SYS (PANAS).....	20	32,800	20	---	--	-32,800
ISAD WELD LAL-ER RANGEFINDER AN/OVS-5.....	1,085	8,800	1,085	8,800	--	---
INTRUSION DETECTION DEVICES.....	--	20,800	--	20,800	--	---
NAVSTAR GLOBAL POSITIONING SYSTEM.....	377	5,200	377	5,200	--	---
POSITION/AZIMUTH DETERMINING SYS (PAHS).....	107	35,700	107	---	--	-35,700
NIGHT VISION GOGGLES.....	--	83,200	--	83,200	--	---
NIGHT VISION SIGHT INDIV WPN AN/PVS-4.....	3,947	10,000	3,947	10,000	--	---
PDS LOCATION REPORTING SYS (PLRS) (NTP).....	--	4,000	--	---	--	-4,000
RADIAC SET AN/VOR-2.....	3,459	4,000	3,459	4,000	--	---
SPV TA/DESIGN AERIAL RECON SYS (TAGAS).....	--	117,700	--	87,500	--	-50,200
JOINT STARS (AMW).....	--	85,800	--	---	--	-85,800
SNIP SHELTER MTD ASM-159.....	37	2,200	37	2,200	--	---
SNIP SHELTER MTD SEP AN/ASM-148.....	63	2,100	63	2,100	--	---
MODIFICATION OF IN-SERVICE SQ (TAC EL).....	--	38,500	--	38,500	--	---
ITEMS LESS THAN \$2,000.00 (TACT ELAC-C-E).....	--	8,400	--	8,400	--	---
THIR FOR TACTICAL ELECTRONICS						
THIR FOR SYS/ICE.....	1,384	6,500	1,384	6,500	--	---
COMB ELECTRONIC AUTO TEST (STR-E).....	39	3,000	39	3,000	--	---
OTHER ELECT SYS/EQUIP - SUP EQUIP AND P						
SPARES AND REPAIR PARTS.....	--	183,200	--	151,084	--	-32,116
SPARES AND REPAIR PARTS.....	--	11,400	--	11,230	--	-170
SPARES AND REPAIR PARTS.....	--	280,800	--	175,100	--	-105,700
SPECIAL PROGRAMS.....	--	115,800	--	102,800	--	-13,000
PRODUCTIVITY INVESTMENT FUNDING.....	--	11,100	--	11,100	--	---
PROD ENHANCING CAP INVESTMENT FUND (PRECIP).....	--	21,800	--	21,800	--	---
PRODUCTION BASE SUPPORT (C-E).....	--	8,100	--	8,100	--	---
CLASSIFIED PROGRAMS.....	--	251,600	--	184,184	--	-67,416
TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT.....		3,698,000		2,793,234		-904,766
OTHER SUPPORT EQUIPMENT						
CHEMICAL DEFENSIVE EQUIPMENT						
DECONTAMINATE APP PWR DR LT WY UN17.....	343	3,900	343	3,900	--	---
HAZ, PROTECTIVE, MNC.....	64,894	19,900	64,894	19,900	--	---
SIMP COLL PROT EQUIP AND.....	445	4,100	445	4,100	--	---
AUTO CHEMICAL AGENT ALARM (ACADA), M2.....	344	9,970	344	9,000	--	-970
GEN SET, SHWR, RECH: PUL SET, UN157.....	247	7,000	247	7,000	--	---
BRIDGING EQUIPMENT						
RIBSON BRIDGE SECTION BOAT.....	144	19,200	144	17,600	--	-1,600
RIBSON BRIDGE SECTION BOAT (BY TRANSFER).....	--	---	--	(1,600)	--	(1,600)
BRIDGE, FLOAT-RIBSON, INTERIOR BAY.....	194	7,200	194	7,200	--	---
BRIDGE, FLOAT-RIBSON, RAUP.....	78	3,200	78	3,200	--	---
BRIDGE, FLOAT-RIBSON, TRANSPORTER.....	165	18,200	165	18,200	--	---
ITEMS LESS THAN \$2.0K (BRIDGING).....	--	1,300	--	1,300	--	---
ENGINEER (NON-CONSTRUCTION) EQUIPMENT						
COMB AUS MINE DISPNSR AN/38 (FLIPPER).....	444	3,900	444	3,900	--	---
DISPENSER MINE AN/39.....	6	1,700	6	---	--	-1,700
MARKING SYS, CLEAR (AR).....	88	3,200	88	3,200	--	---
DETECTING SET, MINE, AN/PSS-12.....	4,645	4,900	4,645	4,900	--	---
MINE PLOW.....	130	5,600	130	5,500	--	-100
MINE CLEARING ROLLER.....	55	3,700	55	3,700	--	---
REMOTE CONTROL UNIT (MCM).....	1,540	9,800	1,540	9,800	--	---
SURVEY SET DISTANCE MEASURING (SPANER).....	278	2,800	278	2,800	--	---
M-1 ARMORED COMBAT EASTING/USE (ACE) (MTP).....	21	30,400	21	30,400	--	---
ITEMS LESS THAN \$2.0K (ENG NON-CONST).....	--	900	--	900	--	---
COMBAT SERVICE SUPPORT EQUIPMENT						
AIR CONDITIONERS VARIOUS SIZE/CAPACITIES.....	--	32,200	--	32,200	--	---
FIELD KITCHEN, MOBILE, TBL MTD.....	836	13,100	836	13,100	--	---
MODULAR FIELD KITCHEN.....	465	11,600	465	11,600	--	---
DIVING EQUIPMENT.....	--	1,800	--	1,800	--	---
PICTBUCKS.....	--	16,000	--	16,000	--	---
LAUNDRY UNIT/TBL MTD.....	110	7,300	110	7,300	--	---
TAC PRINTING AND BINDING EQUIPMENT.....	--	4,300	--	4,300	--	---
ITEMS LESS THAN \$2.0K (CSS-PQ).....	--	11,300	--	11,300	--	---
MODIFICATIONS OF IN SERVICE EQUIP (CSB).....	--	8,900	--	8,900	--	---
PETROLEUM EQUIPMENT						
TANK ASSEMBLY PAB COLL PUL 50000 G.....	282	4,600	282	4,600	--	---
FORWARD AREA REFUELING EQUIPMENT (FARE).....	300	2,800	300	2,800	--	---

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
TANK ASSEMBLY FOR COLLAPSIBLE POL 100000.....	500	6,400	600	6,400	--	---
TANK ASBY. PAS COLLAPS. 20,000 GAL POL.....	652	6,300	652	6,300	--	---
TANK/PUMP UNIT LIQ DISP P/TXK MOUNTING.....	109	1,000	109	1,000	--	---
LABORATORY.PETROLEUM.SEMI-TRAIL WTD.....	3	3,200	3	3,200	--	---
PUMP ASBY LIQ GAS MTL 4 IN OUT 350 GPM.....	744	12,200	744	12,200	--	---
DNA PETROLEUM DISTRIBUTION SYSTEM.....	--	39,300	--	13,757	--	-25,543
ITEMS LESS THAN \$2.0M (POL).....	--	6,700	--	6,700	--	---
WATER EQUIPMENT						
WTR PUR UNIT REV OS 3000 GPM (BOWPU).....	80	33,900	80	33,900	--	---
WATER PUR UNIT, REV OSMOSIS, 6000GPM (BOWPU).....	111	29,500	111	29,500	--	---
TANK PAS COLLAPS. 3000 GAL WATER (OWIOW).....	1,200	2,900	1,200	2,900	--	---
SMALL MOBILE WATER CHILLER (SMWC).....	167	1,500	167	1,500	--	---
PUMP CRYSTAL PULGAL. 450GPM.....	1,230	2,100	1,230	2,100	--	---
ITEMS LESS THAN \$2.0M (WATER EQ).....	--	2,500	--	2,500	--	---
MEDICAL EQUIPMENT						
DEPLOYABLE MEDICAL SYSTEM (DMS).....	--	89,800	--	10,000	--	-79,800
CBT SUP EQUIP MEDICAL.....	--	48,100	--	20,300	--	-27,800
MEDICAL SUPPORT EQUIPMENT.....	--	70,800	--	70,800	--	---
MAINTENANCE EQUIPMENT						
WELDING SHOP, TRAILER WTD.....	236	9,700	236	9,700	--	---
SHOP EQ ELECTRICAL RPR SEMI-TRAIL WTD.....	114	14,500	114	14,500	--	---
STEAM CLEANER.....	930	5,000	930	5,000	--	---
2 WELDING MACHINE ELEC ARC 350 AMP (CC-CP).....	510	5,700	510	5,700	--	---
BUILDING, PRE-PAB, RELOCATABLE.....	--	1,200	--	1,200	--	---
CALIBRATION SET SUPPORT.....	--	12,700	--	11,700	--	-1,000
ITEMS LESS THAN \$2.0M (MAINT EQ).....	--	10,300	--	10,300	--	---
CONSTRUCTION EQUIPMENT						
TRACTOR PULL TRACKS LOW SPEEDS 20 WTD.....	357	73,600	357	45,000	--	-28,600
SMALL DISPLACEMENT EXCAVATOR (SEE).....	314	25,000	314	22,900	--	-2,100
MOSS OF IN SERVICE EQUIP (CONST EQUIP).....	--	100	--	100	--	---
ITEMS LESS THAN \$2.0M (CONST EQUIP).....	--	700	--	700	--	---
RAIL FLOAT CONTAINERIZATION EQUIPMENT						
LANDING, CRAFT, UTILITY.....	6	29,300	6	29,300	--	---
TUG INLAND AND COASTAL WATERWAYS.....	2	30,100	2	20,100	--	-10,000
LOGISTIC SUPPORT VESSEL (LSV).....	1	19,900	1	---	--	-19,900
CAUSEWAY SYSTEMS.....	5	28,200	5	28,200	--	---
RAILWAY CAR, TANK, POL, 200000.....	209	9,800	209	5,000	--	-4,800
MODIFICATIONS OF IN-SERV EQ (FLOAT/RAIL).....	--	5,700	--	5,700	--	---
ITEMS LESS THAN \$2.0M (FLOAT/RAIL).....	--	1,000	--	1,000	--	---
GENERATORS						
GEN AND ASSOCIATED EQUIP.....	5,912	115,900	5,912	115,900	--	---
MATERIAL HANDLING EQUIPMENT						
TRUCK, FORK LIFT, CSD, PT, 4000 LB.....	465	13,300	465	13,300	--	---
TRUCK, FORK LIFT, CSD, PT, 4000 LB.....	304	12,300	304	12,300	--	---
TRUCK, FORK LIFT, DE, PT, 4000 LB.....	206	21,000	206	21,000	--	---
TRUCK, FORK LIFT, ELEC, SKT, 4000 LB.....	57	1,700	57	1,700	--	---
45 TON CRANE.....	91	42,600	91	42,600	--	---
ITEMS LESS THAN \$2.0M (HSE).....	--	2,400	--	2,400	--	---
SPARES AND REPAIR PARTS.....	--	54,400	--	35,700	--	-18,700
AREX WEIGHTED SUPPORT UPGRADE.....	--	60,500	--	---	--	-60,500
PRODUCTION SACK SUPPORT (OTW).....	--	34,400	--	34,400	--	---
USE PRODUCTIVITY INVESTMENT FUNDING.....	--	4,900	--	4,900	--	---
SPECIAL EQUIPMENT FOR USER TESTING.....	--	13,300	--	13,300	--	---
ITEMS LESS THAN \$2.0M (OTW SPT EQ).....	--	1,000	--	1,000	--	---
JOINT NATION SUPPORT - EUNOPE.....	--	41,900	--	41,900	--	---
NATIONAL TRAINING CTR SUP.....	--	10,800	--	10,800	--	---

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	COMMITTEE	CHANGE FROM REQUEST
	QTY AMOUNT	RECOMMENDATION	QTY AMOUNT
TRAINING DEVICES, NONSYSTEM	-- 186,100	-- 186,100	-- ---
BCE (NONI)	-- 61,600	-- 61,600	-- ---
PRCIP (NONI)	-- 6,500	-- 6,500	-- ---
GRIP (NONI)	-- 9,100	-- 9,100	-- ---
TOTAL, OTHER SUPPORT EQUIPMENT	1,609,300	1,324,257	-285,043
PRIME YEAR PROGRAM SAVINGS	-- ---	-- -111,300	-- -111,300
PRIME YEAR PROGRAM SAVINGS (BY TRANSFER)	-- ---	-- (111,300)	-- (-111,300)
INFLATION SAVINGS, FY87	-- ---	-- -58,600	-- -58,600
TOTAL, OTHER PROCUREMENT, ARMY	6,169,000	4,641,811	-1,527,189
TRANSFER FROM OTHER ACCOUNTS	---	(251,000)	(-251,000)
TOTAL FUNDING AVAILABLE	6,169,000	4,892,811	-1,276,189

COMMITTEE RECOMMENDATIONS

AUTHORIZATION CHANGES

The Committee recommends the following changes in the budget estimate, in accordance with authorization action:

[In thousands of dollars]

	Budget request	Committee recommended	Change from request
Chassis, trailer, GP, 3 1/2T, 2W, M353	3,700	—	- 3,700
Semitrailer, tank, 7500G, bulkhaul	7,300	—	- 7,300
Semitrailer van supply 12T, 2W, M129A2C	7,000	—	- 7,000
Trailer, heavy, expanded mobility	7,400	5,400	- 2,000
Small unit support vehicle (SUSV)	26,200	13,800	- 12,400
Truck, 10T 8X8, ABT (MYP)	234,300	284,300	+ 50,000
Passenger carrying vehicles	13,800	—	- 13,800
General purpose vehicles	34,900	—	- 34,900
Special purpose vehicles	9,700	—	- 9,700
ICSE equipment (USREDCOM)	1,800	1,200	- 600
MOD RCOR TFC TERM (MRTT)	31,900	—	- 31,900
Lightweight digital facsimile	1,200	—	- 1,200
SINCGARS	204,000	—	- 204,000
Vehicular intercom system	10,200	—	- 10,200
MOD of IN-SVC equip (CSC)	26,400	19,500	- 6,900
SOUTHCOM C3 upgrade	16,000	11,600	- 4,400
DSCS operations control sys (DOCS)	80,300	41,100	- 39,200
Items less than \$2.0M (COMSEC)	11,700	8,200	- 3,500
Supercomputers	22,900	—	- 22,900
Trans of pers prop	2,900	—	- 2,900
Items less than \$2,000,000 (A/V-C-E)	9,100	—	- 9,100
Meteorological data sys (FAMAS)	32,800	—	- 32,800
Joint stars (ARMY)	63,400	—	- 63,400
Spares and repair parts	260,300	193,100	- 67,200
CBT sup equip medical	48,100	20,300	- 27,800
Calibration set support	12,700	11,700	- 1,000
Small emplacement excavator (SEE)	25,000	22,900	- 2,100
Tug inland and coastal waterways	30,100	20,100	- 10,000
Logistic support vessel (LSV)	19,900	—	- 19,900
Railway car, tank, POL, 20000G	9,800	5,000	- 4,800
Spares and repair parts	54,400	35,700	- 18,700
Area oriented depot upgrade	60,500	—	- 60,500

TACTICAL AND SUPPORT VEHICLES

ARMY TACTICAL WHEELED VEHICLES

REQUIREMENTS

In 1980, at the request of this Committee, the Army completed a zero-based study of tactical wheeled vehicle requirements. The study was requested because of fluctuating requirements, the requested procurement of a new class of tactical vehicle in the 10 Ton payload category, the upward creep in vehicle requirements, and the perception that costly militarized vehicles were being used where less expensive commercial vehicles could be substituted.

Since 1980, the Army has developed and procured the 5/4 Ton High Mobility Multipurpose Wheeled Vehicle (HMMWV) as a replacement for the 1/4 Ton Jeep, and procured the 10 Ton Heavy

Expanded Mobility Tactical Truck (HEMTT), Commercial Utility Cargo Vehicle (CUCV), and a product-improved 5 Ton truck. Initial multiyear contracts for these vehicles have expired or will expire soon. The Army is proposing the development of two new families of tactical vehicles to replace the current 5 Ton and 10 Ton trucks. Concurrently, it is preparing a re-procurement of the HMMWV and the CUCV.

The Committee's Surveys and Investigations Staff recently completed a review of the Army's tactical truck program. In examining the authorized acquisition objectives for tactical trucks, the S&I staff found wide fluctuations over the years. Despite repeated requests, the Army was unable to provide a written explanation of these fluctuations. According to the report, "The Army is aware of the system's deficiencies and when it produces dubious figures, DA staff officials routinely adjust the AAO for planning and budgeting purposes."

Not only have requirements varied over the years, they have continued to creep upward. The following represents the change in AAO in just one year, between 1986 and 1987 budget submissions:

	1986	1987
CUCV	68,210	79,563
HMMWV	89,014	96,061
5 ton	63,986	106,996
HEMTT	17,119	20,244

It is clear from this report that a "bottom-up" re-examination of tactical wheeled vehicle requirements is in order, particularly at this time of transition to what may be a very different fleet. The Committee directs that such a zero based requirement study be conducted as a matter of high priority. Such a study should not only address vehicle requirements, but the process by which they are determined. Finally the study should consider the accuracy and timeliness of the system for reporting on and controlling vehicles deployed in the field. It is the Committee's expectation that this study will serve as a basis for future budget requests. In addition, it is expected that the Army will use this study to devise more accurate and timely systems for managing the vehicle inventory and explaining changes in vehicle requirements.

PROCUREMENT STRATEGY

The Army is to be congratulated for moving toward the use of performance specifications and commercial components in procuring tactical wheeled vehicles. Such an approach allows industry the maximum flexibility to use its expertise to satisfy Army requirements. It also avoids risk and high cost associated with procuring uniquely designed military vehicles. However, it should be recognized and understood that, with the exception of the CUCV, none of the tactical vehicles in question is, strictly speaking, a commercial vehicle. Experience with the 5 ton, HEMTT and HMMWV programs has shown that assembling "off-the-shelf" commercial components into a new military vehicle is not without risk. In fact, the

Army is facing the prospect of substantial additional expenses—in the tens of millions of dollars—as a result of changes that have had to be made in these vehicles after production was started. These expenses are possible despite warranty provisions in the contracts in question. As the Army considers the procurement of new families of vehicles and re-procurement (with or without changes) of current vehicles, the lessons of the past must be heeded. Specifically, the procurement strategy must allow sufficient testing before a production contract is signed. The Committee directs the Army to assure such testing and to report on the proposed procurement strategy for new tactical vehicle purchases when the fiscal year 1988 budget is submitted.

MOTORCYCLES

The Army budgeted \$7,100,000 for procurement of 2,732 motorcycles. Initial procurement funding of \$2,000,000 was appropriated last year. At that time, the Army was directed to submit to the Committee its validated requirement for motorcycles, along with a definitive acquisition strategy. To date, the Committee has received neither. In hearings this year, the Army stated that contract award was slated for March 1987. Since the initial fiscal year 1986 production contract will be awarded in fiscal year 1987, no additional funding in fiscal year 1987 is justified. Accordingly, the Committee recommends a reduction of \$7,100,000.

FIVE TON TRUCKS

The budget included no funds for procurement of five ton trucks. This was because fiscal year 1985 and 1986 appropriations were unobligated as a result of delays in awarding a new multiyear contract. The new contract was recently announced and the prices are significantly below those assumed in the prior year appropriations. Contract savings are estimated to be \$72,700,000 in fiscal 1985 and \$47,100,000 in fiscal year 1986. Therefore the Committee recommends a general reduction of \$119,800,000 offset by a transfer of prior year funds.

TEN TON TRUCKS

In addition to recommending \$284,300,000 for the procurement of 1,773 ten ton trucks, the Committee recommends bill language requiring the Army to obligate, not later than 30 days after enactment of this Act, \$49,900,000 from prior year funds to procure 412 additional ten ton trucks. The language is similar to section 122(e) of H.R. 4428, the fiscal year 1987 Department of Defense authorization bill.

TACTICAL VEHICLE MODIFICATIONS

The Army budgeted \$3,800,000 to procure roll bars for installation on M151 Jeeps. Since the jeeps are being replaced by High Mobility Multipurpose Wheeled Vehicles and phased out of the inventory, further investment in this vehicle is not justified. Therefore the Committee recommends denial of the request, a reduction of \$3,800,000.

COMMUNICATIONS AND ELECTRONIC EQUIPMENT

MODULAR RECORD TRAFFIC TERMINAL

The Army budgeted \$31,900,000 for the Modular Record Traffic Terminal Program. The Committee recommends denial of the request and use of \$18,300,000 in unobligated fiscal year 1985 appropriations to fund the fiscal year 1987 program. The Army is planning to procure nondevelopmental equipment for the Single Subscriber Terminal at substantial savings to the fully militarized equipment on which the budget request was based.

DIGITAL GROUP MULTIPLEXER

The Army budgeted \$10,800,000 for the Digital Group Multiplexer program. The Committee recommends denial of this request because of delays in the fiscal year 1986 program.

UNIT LEVEL CIRCUIT SWITCH

The Army budgeted \$12,200,000 for the Unit Level Circuit Switch program. The Committee recommends denial of the request. This request was intended originally to procure switches for use at echelons above corps through a Marine Corps led procurement. The Army has now decided to buy Mobile Subscriber Equipment (MSE) for echelons above corps. The Army should arrange for fielding of MSE equipment at echelons above corps with equipment procured under the MSE line item. The Committee also recommends that prior year unobligated appropriations under this line item be made available to fund other parts of the fiscal year 1987 Other Procurement, Army fiscal year 1987 request. See the discussion under "Prior Year Savings" in this section for further details.

MOBILE SUBSCRIBER EQUIPMENT

The Army budgeted \$903,700,000 for Mobile Subscriber Equipment (MSE). The Committee recommends the full amount of the request.

The MSE requirements contract contains options which provide that the prime contractor will perform all Intermediate Rear and Depot-level maintenance for MSE-unique equipment for up to 15 years following delivery of the last equipment set. Under the current delivery schedule, this translates into total dependence on contractor maintenance at these levels through the year 2009. The contract does not provide for any technical or provisional data or training required by the Army to develop an organic depot maintenance capability to support or repair MSE-unique equipment.

These provisions contradict prior year testimony by Army and DoD officials regarding the degree of contractor involvement in supporting MSE. Moreover, in the Committee's view the failure to provide for an organic maintenance capability in existing Army depots violates the intent of statutory provisions regarding the contracting out of "core logistics" functions contained in the Fiscal Year 1985 and 1986 DoD Authorization Acts. The Army has failed to adequately address how such a contractual arrangement meets or fails to meet the need to maintain an adequate mobilization base

and surge capability. Finally, such unprecedented dependence on the contractor for maintenance support for an extended period can be compared to a long-term, sole-source arrangement with none of the potential benefits which could accrue from competition between the private and public sector.

The Committee directs the Army to submit a report by December 1, 1986, which addresses the following concerns:

(1) Why the Army has committed itself to contractor maintenance support for MSE-unique equipment through the year 2009;

(2) Why the Army has departed from the Congressionally-mandated policy of maintaining an in-house "core logistics" capability in order to meet mobilization and/or surge requirements;

(3) Why there are no provisions for developing an in-house maintenance capability which could serve as a source of competitive pressure on the private sector;

(4) The near-term impact (through 1995) on planned utilization of the depot system resulting from the contracting out of maintenance for MSE-unique equipment, coincident with the replacement by MSE of existing communications equipment currently serviced by the depot system.

IMPROVED HF RADIO FAMILY

The Army requested \$11,100,000 for the Improved HF Radio Family program. The Committee recommends denial of the request. The Department of Defense has frozen fiscal year 1986 funds for this program until the Navy completes a study of procurement alternatives including nondevelopmental procurement. The Committee directs the Department to report to the Committee prior to obligation of fiscal year 1986 funds on the results of the study on procurement alternatives and on its revised procurement plans for the Improved HF Radio Family.

PACIFIC COMMAND, CONTROL AND COMMUNICATIONS

The Army requested \$13,000,000 for the Pacific Command, Control, and Communications-Regency Net program. The Committee recommends denial of the request. Several Regency Net issues have to be resolved prior to procurement to avoid unnecessary costs of retrofitting and modifications. These include: compliance by the Army with the requirement to incorporate Tri-Service Waveform in all new production radios with anti-jam capabilities to ensure compatibility with other radios; modification of Regency Net radio equipment which was designed for use in Europe, to accommodate requirements for its use in the Pacific; approval of frequency authorizations for Regency Net in Korea; and compatibility of encryption devices with the Navy and the Air Force.

FREQUENCY MODULE, KGV-10/TSEC

The Army budgeted \$9,100,000 for the Frequency Module, KGV-10/TSEC program. The Committee recommends denial of this re-

quest. This frequency module is used only with the SINCGARS radio, which has experienced procurement delays.

VIABLE

The Army budgeted \$41,800,000 for procurement of hardware for its Vertical Installation Automation Baseline (VIABLE) ADP project.

The Committee was surprised to learn during its hearings this year that no Army major automated information system has successfully passed the Office of the Secretary of Defense (OSD) oversight review process. Many Army ADP procurements have not reached fruition, and it is evident that the Army's new planning process has not yet stabilized.

The current budget shows over \$300,000,000 of new VIABLE requirements during the next five years that were not forecast a year ago, which the Army proposes to award sole-source using existing VIABLE contract options. The Committee is concerned about the competitive aspects of this acquisition as well as a lack of proper oversight review by the Comptroller of the Defense Department, making funding in fiscal year 1987 premature. In addition, as expressed previously in this report, the Committee is concerned about the wisdom of expanding active Army ADP systems while neglecting fundamental automation needs of the Army Reserve Forces. The Committee directs the Comptroller of the Defense Department to review and approve the Army's requirements determination, economic analyses, acquisition strategy, and implementation plan through a formal oversight review prior to requesting additional resources from the Congress. In particular, he should also ensure that VIABLE or an alternative system adequately meets the automation needs of Army Reserve Forces. The Committee recommends that no funds be provided.

AMC ADP

The Army budgeted \$4,000,000 for a new start computer system for the Army Material Command, known as the Integrated Procurement System, which is estimated to have life cycle costs of \$162,800,000. The Committee recommends denial of the request. Testimony to the Committee this year indicates that the Army has failed to follow Defense Department regulations concerning life cycle management of major automated information systems. The Army has also been unable to articulate how this program would fit into the new STARNET architecture. Funding in fiscal year 1987, in both procurement and operation and maintenance, is premature.

ARMY DATA DISTRIBUTION SYSTEM (ADDS)

The Army budgeted \$75,500,000 for the Army Data Distribution System (ADDS). The Committee recommends \$32,652,000 for ADDS, a reduction of \$42,848,000 from the budget request. The amount reduced was intended for enhancement of the Position Location Reporting System (PLRS), which comprises a large part of the ADDS system. This recommendation is consistent with the

status of the PLRS program, which has experienced program delays.

ADP EQUIPMENT FOR NON-TACTICAL MANAGEMENT INFORMATION SYSTEMS

The Army budgeted \$40,400,000 for procurement of hardware for non-tactical management information systems. The Committee recommends an addition of \$17,500,000 based on Army testimony that the Army National Guard budgeted for this equipment in the wrong appropriation. The Committee made an equivalent reduction in the Army National Guard Operation and Maintenance appropriation. Of the total \$57,900,000 recommended to be appropriated in fiscal year 1987, no less than \$27,500,000 is to be used only for automation for Army Reserve forces. DD Form 1414, Base for Re-programming Actions must clearly designate them as a special Congressional interest item on which use for any other purpose would require prior approval from the Congress.

SUPERCOMPUTERS

The Army budgeted \$22,900,000 for procurement of supercomputers in fiscal year 1987. The request was denied by the House Armed Services Committee and the Committee also recommends that no funds be provided for this purpose. While the Committee strongly supports the use of modern technology, and especially supercomputers, to improve the operations of the Defense Department, the Committee is concerned about the discipline inherent in the Army's proposed supercomputer acquisition. The Committee directs the Comptroller of the Defense Department to formally review and approve the Army's supercomputer requirements, economic analyses, acquisition strategy, and other key management issues through a formal oversight review prior to requesting additional funds from Congress.

CORPORATE DATA BASE

The Army budgeted \$900,000 for procurement of hardware in fiscal year 1987 to initiate the Corporate Data Base concept. The Committee is excited about Army plans to develop a standard architecture for all its computers and a central approach to management of data stored on them. However, a significant financial investment will be necessary to accomplish these objectives. The amount required has not been disclosed to Congress. Further, it appears that the formal requirements determination, economic analyses, acquisition strategy, and other prerequisites dictated by the Defense Department's life cycle management policy for acquisition of computers are not in place for the Corporate Data Base nor the Three Tier Architecture. Therefore, hardware acquisition at this time is premature. The Committee would be receptive to a reprogramming request during fiscal year 1987 if the Comptroller of the Defense Department determines it is warranted after a formal oversight review of Army plans. The Committee recommends that no funds be provided for the Corporate Data Base.

FIRE SUPPORT TEAM DIGITAL MESSAGE DEVICE

The Army budgeted \$17,000,000 for the Fire Support Team Digital Message Device Program. The Committee recommends denial of the request. The recommendation is based on program testing delays.

MANEUVER CONTROL SYSTEM

The Army budgeted \$56,900,000 for the Maneuver Control System. The Committee recommends denial of the request. The Committee directs the Army to rationalize the requirements, procurement, fielding, interoperability and logistical support of equipment already procured and that planned to be procured under this line item with the replacement equipment to be procured under the Army Command and Control System (ACCS) program, and to submit a report to the Committee by February 1, 1987 on these relationships between the two programs in connection with the next budget request for this program. The Committee directs that procurement of nondevelopmental equipment under the MCS program not be initiated until the Committee approves this report, and that procurement of military standard equipment proceed according to the plan submitted to the Committee this year.

COMMODITY CONTROL STANDARD SYSTEM

The Army budgeted \$11,400,000 for procurement of hardware to upgrade the Commodity Control Standard System (CCSS), whose life cycle cost exceeds \$765 million. Army budget justification material states that a major equipment upgrade is planned. Expenditure of funds on a major upgrade, which has not been documented according to Defense Department regulations nor formally reviewed by the Department's Comptroller, is premature. In addition, CCSS was the subject of a recent GAO audit which indicates severe deficiencies in the management of this program. In addition, the Army has been unable to articulate how this upgrade would fit into the new STARNET architecture. The Committee recommends \$9,600,000, a reduction of \$1,800,000 and directs the Comptroller of the Defense Department to review and approve the requirements determination, economic analysis, acquisition strategy, and implementation plan for the CCSS upgrade prior to requesting additional funds from the Congress.

POSITION AZIMUTH DETERMINING SYSTEM

The Army budgeted \$35,700,000 for the Position Azimuth Determining System (PADS). The Committee recommends denial of the request. The Congress provided sufficient funding in prior years for the Army to procure PADS for the active force. The expected useful life of this equipment together with plans to replace it with equipment meeting new requirements does not justify further procurement of PADS units.

POSITION LOCATION REPORTING SYSTEM

The Army budgeted \$4,000,000 for the Position Location Reporting System (PLRS). The Committee recommends denial of the request. This program has experienced a one year delay because of problems with initial production units.

AQUILA REMOTELY PILOTED VEHICLE

The Army budgeted \$117,700,000 for procurement of the Aquila remotely piloted vehicle.

The Committee carefully examined the Aquila program again this year and found that significant progress had been made since last year. In a January demonstration, the Aquila RPV successfully located and designated stationary and moving tank targets for the Copperhead projectile with eight for eight hits. The Aquila successfully completed Army-conducted development tests in May passing all test criteria. A combined arms test using a Marine Super Cobra helicopter firing Hellfire missiles at tank targets designated by Aquila was successful with four for four hits. The Committee concluded that the results of these tests demonstrated that the full scale development program should be completed and that successful completion of planned operational tests this Fall will demonstrate that Aquila is ready for production.

Other options being considered, the Committee concluded that procurement of the Aquila RPV system represents the most cost effective means to achieve the "force multiplier" capability needed by the battlefield commander. Aquila gives him the ability to see deep and fight deep in real time and is a key element in the future Air-Land Battle doctrine.

The Committee recommends an appropriation of \$67,500,000 subject to authorization.

SPARES AND REPAIR PARTS (TELECOM)

The Army budgeted \$183,200,000 for Spares and Repair Parts (TELECOM). The Committee recommends \$151,086,000, a reduction of \$32,114,000 from the request. The recommendation for telecommunications initial spares reflects specific Committee recommendations for telecommunications procurement requests.

SPARES AND REPAIR PARTS (COMSEC)

The Army budgeted \$11,400,000 for Spares and Repair Parts (COMSEC). The Committee recommends \$11,230,000, a reduction of \$170,000 from the request. The recommendation for COMSEC initial spares reflects specific Committee recommendations for COMSEC procurement requests.

OTHER SUPPORT EQUIPMENT

MASK, PROTECTIVE, NBC

The Army budgeted \$19,900,000 for the Mask, Protective, NBC Program. The Committee recommends approval of the request.

The Committee understands that the Army is having difficulty in the development of a new gas mask, and urges the Army to re-

solve those difficulties expeditiously. In the interim, however, current requirements for gas masks in the Army, other services of the United States, and the services of our allies need to be met. To deal with this situation the Committee directs the Army to preserve the ongoing industrial capacity to manufacture the M17A2 Field Mask until such time as the replacement mask effort proves to be successful.

RIBBON BRIDGE ERECTION BOAT PROGRAM

The Army budgeted \$19,200,000 for the Ribbon Bridge Erection Boat program. The Committee recommends \$17,600,000, a reduction of \$1,600,000 from the request, and use of \$1,600,000 in unobligated fiscal year 1986 appropriations to fund part of the fiscal year 1987 request. The recommendation reflects unit costs savings in fiscal year 1986.

DISPENSER MINE

The Army budgeted \$1,700,000 for the Dispenser Mine program. The Committee recommends denial of the request. The recommendation is consistent with the Committee recommendation not to fund the Volcano Mine.

SWA PETROLEUM DISTRIBUTION SYSTEM

The Army requested \$39,300,000 for the SWA petroleum distribution system. Included in this request are funds to support a joint Army/Navy off-shore petroleum distribution system program. The Committee has been closely monitoring this program and is concerned about the lack of progress in awarding the fiscal year 1986 portion of this program for which funds were appropriated in the Other Procurement, Navy account. Accordingly, the Committee denies that portion of the Army's request for the off-shore petroleum distribution system and transfers the Navy's fiscal year 1986 unobligated off-shore petroleum distribution funds forward to fiscal year 1987. The Committee's recommendation represents a reduction of \$25,543,000 from the Army's request.

DEPLOYABLE MEDICAL SYSTEM

The Army budgeted \$88,800,000 for the Deployable Medical System program. The Committee recommends \$10,000,000, a reduction of \$78,800,000 from the request. This recommendation is discussed under the heading "Military Health Care" heading in the Operation and Maintenance section of this report.

TRACTOR, FULL TRACKED, LOW SPEED

The Army budgeted \$73,600,000 for the Tractor, Full Tracked, Low Speed program. The Committee recommends \$45,000,000, a reduction of \$28,600,000 from the request. The reduction is based on lower than anticipated unit costs.

REVERSE OSMOSIS WATER PURIFICATION UNITS

The Committee is concerned that small businesses qualifying as form 1519 mobilization resources receive the competitive opportunities entitled to firms earning such designations, especially with regard to the procurement of reverse osmosis water purification (ROWPU) kits. The Committee therefore directs the Department of Defense to submit a report by February 15, 1987 on the extent to which such firms receive the competitive opportunities to which they are entitled in the procurement of ROWPUs.

PRIOR YEAR PROGRAM SAVINGS

The Committee recommends a reduction of \$111,300,000 for Other Procurement, Army to be offset by use of \$111,300,000 in unobligated fiscal year 1986 appropriations to fund part of the fiscal year 1987 Other Procurement request. These prior year savings are not needed to fund fiscal year 1987 requirements under their respective line items. They include:

	<i>Amount</i>
Modular record traffic terminal	\$29,300,000
Unit level circuit switch	9,900,000
SINCGARS	72,100,000
Total	\$111,300,000

INFLATION ADJUSTMENT

As discussed in the beginning of the Procurement section of this report, the Committee recommends an inflation adjustment of \$58,600,000.

AIRCRAFT PROCUREMENT, NAVY

Appropriations, 1986	\$11,175,678,000
Adjusted base, 1986	10,628,070,000
New obligational authority, 1987:	
Estimate	11,304,300,000
Recommended	9,039,452,000
Decrease	2,264,848,000
Total recommended in the bill	19,195,026,000

¹ Includes \$9,039,452,000 in new obligational authority, and in addition \$155,574,000 in prior year unobligated balances, of which \$21,274,000 is to be derived by transfer from "Aircraft Procurement, Navy, 1985/1987" and \$134,300,000 is to be derived by transfer from "Aircraft Procurement, Navy, 1986/1988".

This appropriation provides funds for the procurement of aircraft and related supporting equipment and programs. Included are funds for flight simulators and equipment to modify inservice aircraft to extend their service life, eliminate safety hazards, and improve their operational effectiveness. Additionally, spares and repair parts and ground support equipment for all end items procured by this appropriation are included. Funds are also provided for procurement of material and effort for planned 1988 programs which must be ordered in 1987 due to leadtime considerations.

PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program for fiscal year 1987:

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
AIRCRAFT PROCUREMENT, NAVY						
COMBAT AIRCRAFT						
BA-1 COMBAT AIRCRAFT						
A-4E/F (ATTACK) (MYRUDER (MVP))	11	278,893	11	258,793	--	-20,100
A-4E/F (ATTACK) (MYRUDER (MVP) (AP-CV))	--	80,032	--	80,032	--	---
EA-6B (ELECTRONIC WARFARE) PRIMER	12	417,686	12	417,686	--	---
EA-6B (ELECTRONIC WARFARE) PRIMER (AP-CV)	--	22,008	--	22,008	--	---
AV-8B (W/STOL) HARrier	42	623,284	42	590,294	--	-33,000
AV-8B (W/STOL) HARrier (AP-CV)	--	77,002	--	77,002	--	---
P-14A/D (FIGHTER) TOMCAT	15	541,063	15	520,363	--	-20,700
P-14A/D (FIGHTER) TOMCAT (AP-CV)	--	127,724	--	127,724	--	---
P/A-18 (FIGHTER) HORNET (MVP)	120	2,896,374	84	2,049,174	-36	-847,200
P/A-18 (BY TRANSFER)	--	---	--	(27,000)	--	(27,000)
P/A-18 (FIGHTER) HORNET (MVP) (AP-CV)	--	605,900	--	143,900	--	-462,000
CE/NO-53B (HELICOPTER) SUPER STALLION (MVP)	14	189,034	14	174,034	--	-15,000
CE/NO-53B (HELICOPTER) SUPER STALLION (MVP) (AP-CV)	--	30,900	--	30,900	--	---
AN-1W (HELICOPTER) SEA CORRA	--	36,212	--	21,212	--	-15,000
AN-1W (AP-CV)	--	---	--	15,000	--	15,000
SH-60B (ASW HELICOPTER) SEAHAWK	17	199,451	11	119,251	-6	-80,200
SH-60B (ASW HELICOPTER) SEAHAWK (AP-CV)	--	21,121	--	21,121	--	---
SH-60F (CV ASW HELICOPTER) (AP-CV)	7	158,770	7	103,770	--	-55,000
SH-60F (CV ASW HELICOPTER)	--	29,361	--	29,361	--	---
P-3C (PATROL) ORION	9	312,588	2	69,420	-7	-243,168
P-3C (PATROL) ORION (AP-CV)	--	93,198	--	93,198	--	---
E-2C (EARLY WARNING) HAWKEYE	6	286,483	5	280,983	--	-5,500
E-2C (EARLY WARNING) HAWKEYE (AP-CV)	--	24,120	--	24,120	--	---
SH-2F (ASW HELICOPTER) SEASprite	6	52,798	6	52,798	--	---
TOTAL, COMBAT AIRCRAFT		6,884,002		5,332,154		-1,551,848
AIRLIFT AIRCRAFT						
BA-2 AIRLIFT AIRCRAFT						
C-2 (MVP)	9	99,718	9	99,718	--	---
TOTAL, AIRLIFT AIRCRAFT		99,718		99,718		---
TRAINER AIRCRAFT						
BA-3 TRAINER AIRCRAFT						
T-45TS GOSHAWK (AP-CV)	--	56,374	--	---	--	-56,374
T-45TS GOSHAWK (AP-CV) (BY TRANSFER)	--	---	--	(56,374)	--	(56,374)
TOTAL, TRAINER AIRCRAFT		56,374		---		-56,374
OTHER AIRCRAFT						
BA-4 OTHER AIRCRAFT						
E-6A	3	228,619	3	228,619	--	---
E-6A (AP-CV)	--	72,879	--	72,879	--	---
VM-50	--	24,706	--	---	--	-24,706
TOTAL, OTHER AIRCRAFT		324,104		299,498		-24,706
MODIFICATION OF AIRCRAFT						
BA-5 MODIFICATION OF AIRCRAFT						
A-3 SERIES	--	1,501	--	1,501	--	---
A-4 SERIES	--	19,675	--	9,475	--	-10,000
A-6 SERIES (MVP)	--	379,220	--	379,520	--	3,000
EA-6 SERIES	--	39,387	--	38,387	--	-1,000
A-7 SERIES	--	927	--	927	--	---
AV-8 SERIES	--	1,490	--	1,490	--	---
P-4 SERIES	--	4,879	--	3,379	--	-1,500
RF-4 SERIES	--	1,394	--	1,394	--	---
P-14 SERIES	--	187,301	--	187,301	--	---
P-8 SERIES	--	95	--	95	--	---
P-5 SERIES	--	974	--	974	--	---
ON-10 SERIES	--	67,473	--	17,473	--	-50,000
P-18 SERIES	--	5,865	--	5,865	--	---
P-46 SERIES	--	67,919	--	32,119	--	-35,800
E-53 SERIES	--	22,641	--	22,641	--	---
SH-60 SERIES	--	3,344	--	1,944	--	-1,400
G-1 SERIES	--	58,615	--	44,915	--	-13,700
G-2 SERIES	--	4,195	--	38,495	--	32,300

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
H-3 SERIES.....	--	38,565	--	27,465	--	-10,900
CP-3 SERIES.....	--	47,529	--	47,529	--	---
P-3 SERIES.....	--	38,356	--	38,356	--	---
S-3 SERIES.....	--	215,395	--	204,295	--	-11,100
S-2 SERIES.....	--	41,358	--	41,358	--	---
TRAINER A/C SERIES.....	--	6,745	--	6,745	--	---
EC-130 SERIES.....	--	16,581	--	13,181	--	-3,400
C-130 SERIES.....	--	6,854	--	6,854	--	---
FWWD.....	--	17,214	--	17,214	--	---
CARGO/TRANSPORT A/C SERIES.....	--	5,094	--	5,094	--	---
VARIOUS.....	--	3,786	--	3,786	--	---
POWER PLANT CHARGES.....	--	2,742	--	2,742	--	---
MISC FLIGHT SAFETY CHARGES.....	--	947	--	947	--	---
COMMON ECM EQUIPMENT.....	--	97,808	--	68,808	--	-29,400
COMMON AVIONICS CHARGES.....	--	21,572	--	20,072	--	-1,500
TOTAL, MODIFICATION OF AIRCRAFT.....		1,427,213		1,292,013		-135,200
AIRCRAFT SPARES AND REPAIR PARTS						
BA-6 AIRCRAFT SPARES						
SPARES AND REPAIR PARTS.....	--	1,856,145	--	1,566,445	--	-289,700
TOTAL, AIRCRAFT SPARES AND REPAIR PARTS.....		1,856,145		1,566,445		-289,700
AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES						
BA-7 AIRCRAFT SUPPORT EQUIPMENT AND FAC						
COMMON GROUND EQUIPMENT.....	--	538,601	--	512,903	--	-25,700
AIRCRAFT INDUSTRIAL FACILITIES.....	--	32,610	--	32,610	--	---
WAR CONSUMABLES.....	--	34,482	--	34,482	--	---
OTHER PRODUCTION CHARGES.....	--	50,949	--	50,949	--	---
GENERAL REDUCTION.....	--	---	--	-72,200	--	-72,200
GENERAL REDUCTION (BY TRANSFER).....	--	---	--	(72,200)	--	(-72,200)
TOTAL, AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES.....		656,642		558,744		-97,900
INFLATION SAVINGS, FY87.....	--	---	--	-109,100	--	-109,100
TOTAL, AIRCRAFT PROCUREMENT, NAVY.....		11,304,300		9,039,452		-2,264,848
TRANSFER FROM OTHER ACCOUNTS.....		---		(155,574)		(-155,574)
TOTAL FUNDING AVAILABLE.....		11,304,300		8,195,028		-3,109,272

COMMITTEE RECOMMENDATIONS

AUTHORIZATION CHANGES

The Committee recommends the following changes in the budget estimate, in accordance with authorization action:

[In thousands of dollars]

	Budget request	Committee recommended	Change from request
SH-60B anti-submarine warfare helicopter	\$199,651	129,251	- 70,400
VH-60 executive support helicopter	24,706		- 24,706

COMBAT AIRCRAFT

A-6E/F ATTACK AIRCRAFT (INTRUDER)

The Navy requested \$278,893,000 to procure 11 A-6E/F attack aircraft. The Navy's budget request fails to fully reflect airframe engine and electronic equipment savings; consequently, the Committee recommends a total of \$258,793,000 to procure 11 A-6E/F attack aircraft. The budget authority recommendation represents a reduction of \$20,100,000 below the budget request.

AV-8B V/STOL AIRCRAFT (HARRIER)

The Navy requested \$623,284,000 for 42 AV-8B aircraft. The budget request for the AV-8B includes funds to procure electronic jammers that would normally be required in fiscal year 1988. Based upon this premature request, the Committee recommends \$590,284,000 to procure 42 AV-8B aircraft. The budget authority recommended represents a reduction of \$33,000,000 from the budget request.

F-14A/D FIGHTER AIRCRAFT (TOMCAT)

The Navy requested \$541,063,000 to procure 15 F-14A/D fighter aircraft. Since the budget request fails to fully reflect prior year Government furnished equipment and engine savings, the Committee recommends a total of \$520,363,000 to procure 15 F-14A/D fighter aircraft. The budget authority recommendation represents a reduction of \$20,700,000 from the budget request.

F/A-18 STRIKE/FIGHTER AIRCRAFT (HORNET)

The Navy requested \$2,896,374,000 to procure 120 F/A-18 aircraft. The Committee recommends maintaining a stable procurement funding profile for the F/A-18 aircraft at 84 per year. Additionally, the Navy's request for the F/A-18 fails to fully reflect the savings associated with favorable prior year ancillary equipment contracts, and the slippage in the Airborne Self Protection Jammer (ASPJ) program. Accordingly, the Committee recommends a total of \$2,076,174,000 to procure 84 F/A-18 aircraft consisting of \$2,049,174,000 in new obligational authority and \$27,000,000 in un-

obligated fiscal year 1986 F/A-18 funds transferred forward to fiscal year 1987. The budget authority recommendation represents a reduction of \$847,200,000 from the budget request.

F/A-18 STRIKE/FIGHTER AIRCRAFT (HORNET)

(ADVANCE PROCUREMENT)

The Navy requested \$405,900,000 for F/A-18 advance procurement. Based upon the Navy's historical advance procurement requirements and the restructuring of the F/A-18 procurement profile, the Committee recommends \$143,900,000 for F/A-18 advance procurement, and denies the request for multiyear procurement. The budget authority recommendation represents a reduction of \$262,000,000 from the budget request.

CH-53E HELICOPTER (SUPER STALLION)

The Navy requested \$189,034,000 to procure 14 CH-53E heavy lift helicopters. The Navy's budget request fails to fully reflect savings associated with the multiyear procurement. Accordingly, the Committee recommends \$174,034,000 for 14 CH-53E helicopters, which represents a reduction of \$15,000,000 from the budget request.

AH-1W ATTACK HELICOPTER (SEA COBRA)

The Navy requested \$36,212,000 for AH-1W Sea Cobra attack helicopter. The Committee understands the Marine Corps has an additional need for 34 AH-1W attack helicopters in order to maintain force inventory levels and commonality between the training and operational squadrons. Accordingly, the Committee directs the Department of the Navy to designate \$15,000,000 from the fiscal year 1987 AH-1W request of \$36,212,000 as advance procurement for an additional buy of AH-1W aircraft in fiscal year 1988. The recommendation represents a decrease of \$15,000,000 from the budget request and an increase of \$15,000,000 for AH-1W advance procurement.

SH-60F CARRIER VARIANT HELICOPTER

The Navy requested \$138,770,000 to procure seven SH-60F carrier variant helicopters. The Committee believes the Navy's request fails to fully consider the commonality of the SH-60F helicopter to the SH-60B helicopter and the continued productivity improvements and savings associated with the SH-60B helicopter program. Additionally, the Committee believes that it can reasonably be expected that the cost of SH-60F airframe, which is a derivative of the SH-60B, should not exceed the current cost of the SH-60B as significantly as presented in this year's budget request. Accordingly, the Committee recommends \$103,770,000 to procure seven SH-60F helicopters which represents a reduction of \$35,000,000 from the budget request.

P-3C ANTISUBMARINE WARFARE PATROL AIRCRAFT (ORION)

The Navy requested \$312,388,000 to procure nine P-3C aircraft. The Committee recommends, subject to authorization action, \$69,420,000 to procure two P-3C aircraft which may be used to implement U.S. Navy obligations pursuant to the classified Maritime Surveillance Agreement of 1986, which is in accordance with the plan submitted by the Secretary of the Navy. Failure to fund this program will vacate the urgently sought classified Maritime Surveillance Agreement of 1986 and will result in a rapid decline in our Active and Reserve force modernization program which is contingent upon continued P-3C production. The budget authority recommendation represents a decrease of \$242,968,000 to the budget request.

P-3C ANTISUBMAINE WARFARE PATROL AIRCRAFT (ORION)**(ADVANCE PROCUREMENT)**

The Navy requested \$93,198,000 for P-3C advance procurement. The Committee recommends the amount requested provided the advance procurement funds are used to support the new P-3G aircraft configuration: specifically, enlarged bombay doors, Update IV electronics and the T-56 engines.

The Committee concurs in the concept of providing more competition and supports the Navy's plan to competitively procure the next version of the P-3C including the incorporation of the competitively developed Update IV avionics system and the concurrent increase in procurement rate commencing with the fiscal year 1989 procurement. The Committee is seriously concerned about any plan that will terminate the production of this aircraft which in the long run could only increase the unit cost.

It is the Committee's position that the implementation of any new acquisition strategy proposed by the Navy should be made part of the budget request for the fiscal year in which the program is proposed to be initiated. This will provide full opportunity for review by the Congress in the annual authorization and appropriation process. To proceed otherwise, including by transfer of funds by the Executive Branch, would preempt full Congressional review and is not considered by the Committee to be a proper approach.

E-2C EARLY WARNING AIRCRAFT (HAWKEYE)

The Navy requested \$286,483,000 to procure six E-2C aircraft. The Navy's budget request does not fully reflect the savings associated with favorable prior year contract awards and foreign military sales. Accordingly, the Committee recommends \$280,983,000 for the procurement of six E-2C aircraft. The budget authority recommendation represents a reduction of \$5,500,000 below the budget request.

SH-2F ANTISUBMARINE WARFARE HELICOPTER (SEASPRITE)

The Navy requested \$52,798,000 to procure six SH-2F helicopters. The Committee recommends the amount requested provided

that the funds are to be used to procure SH-2F aircraft with T-700 engines.

TRAINER AIRCRAFT

T-45 GOSHAWK

(ADVANCE PROCUREMENT)

The Navy requested \$56,374,000 for the T-45 trainer aircraft advance procurement. The Committee recommends a total of \$56,374,000 consisting of no new obligational authority, and \$56,374,000 in unobligated fiscal year 1985 and 1986 funds transferred forward to fiscal year 1987. The budget authority recommended represents a reduction of \$56,374,000 from the budget request.

OTHER AIRCRAFT

E-6A TACAMO AIRCRAFT

The Navy requested \$226,619,000 to procure three E-6A TACAMO aircraft. The Committee, subject to authorization action, recommends \$226,619,000 to procure three E-6A TACAMO aircraft.

MODIFICATION OF AIRCRAFT

The Navy requested \$1,427,213,000 for Modification of Aircraft. In accordance with authorization action, the Committee recommends a net reduction of \$59,700,000 to the Modification of Aircraft account. Additionally, the following table reflects reductions, which total \$75,500,000 to aircraft modification programs recommended by the Committee because: the Navy has previously requested and received funds for a particular purpose and used the funds for other purposes; the program has been cancelled; the program is not executable in fiscal year 1987; or additional tests and evaluations are required.

Aircraft series:	Amount
KA-6.....	-\$3,700,000
OV-10.....	-49,900,000
UH-1N.....	-1,500,000
AH-1T/J.....	-12,000,000
EC-130.....	-3,400,000
Common avionics	-5,000,000
	-75,500,000

The Committee therefore recommends a total of \$1,292,013,000, and includes additional funding for the SH-2F modernization program (\$32,300,000) and common avionics modification (\$11,500,000) in conformance with authorization action. The budget authority recommendation represents a reduction of \$135,200,000 below the budget request.

SPARES AND REPAIR PARTS

The Navy budgeted \$1,856,145,000 for spares and repair parts. The Committee recommends \$1,566,445,000. The changes from the budget are as follows:

General reduction (authorization)	-\$233,900,000
F/A-18 spares	-44,200,000
SH-60 spares	-9,700,000
Electronic countermeasures jammers	-1,900,000
Total	-289,700,000

AIRCRAFT SUPPORT EQUIPMENT

The Navy requested \$656,644,000 for aircraft support equipment which includes common ground support equipment, aircraft industrial facilities, war consumables, and other production charges. Based upon schedule and technical delays along with the rebudgeting for various items of equipment for which funds have already been appropriated, the Committee recommends a total of \$630,944,000 to procure aircraft support equipment. The recommended amount is to consist of \$558,744,000 in new obligational authority and \$72,200,000 in unobligated fiscal year 1986 funds transferred forward to fiscal year 1987. The budget authority recommendation represents a reduction of \$97,900,000 below the budget request.

INFLATION ADJUSTMENT

As discussed in the beginning of the Procurement section of this report, the Committee recommends an inflation adjustment of \$109,100,000.

WEAPONS PROCUREMENT, NAVY

Appropriations, 1986	\$5,227,795,000
Adjusted base, 1986	4,971,638,000
New obligational authority, 1987:	
Estimate	6,095,400,000
Recommended	5,047,440,000
Decrease	1,047,960,000
Total recommended in the bill	¹ 5,208,107,000

¹ Includes \$5,047,440,000 in new obligational authority, and in addition \$160,667,000 in prior year unobligated balances of which \$42,900,000 shall be derived by transfer from "Weapons Procurement, Navy, 1985/1987"; and \$117,767,000 shall be derived by transfer from "Weapons Procurement, Navy, 1986/1988."

This appropriation finances the procurement of strategic and tactical missiles, target drones, torpedoes, guns, associated support equipment, and the modification of in-service missiles, torpedoes, and guns.

PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program for fiscal year 1987:

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
WEAPONS PROCUREMENT, NAVY						
BALLISTIC MISSILES						
POSEIDON	--	3,974	--	3,974	--	---
TRIDENT	--	4,739	--	4,739	--	---
TRIDENT II	21	1,124,439	21	1,124,439	--	---
TRIDENT II (AP-CY)	--	300,000	--	300,000	--	---
MODIFICATION OF MISSILES						
UGM-73A (C-3) POSEIDON MODS	--	95	--	95	--	---
SUPPORT EQUIPMENT AND FACILITIES						
MISSILE INDUSTRIAL FACILITIES	--	3,790	--	3,790	--	---
TOTAL, BALLISTIC MISSILES		1,437,037		1,437,037		---
OTHER MISSILES						
STRATEGIC MISSILES						
SSM-109 TOMAHAWK	324	721,736	324	581,736	--	-140,000
SSM-109 TOMAHAWK (BY TRANSFER)	--	---	--	(81,800)	--	(+81,800)
SSM-109 TOMAHAWK (AP-CY)	--	68,800	--	68,800	--	---
TACTICAL MISSILES						
AIR/RIH-7 P/M SPARROW	1,716	279,394	1,716	259,094	--	-20,300
AIR/RIH-7 P/M SPARROW (BY TRANSFER)	--	---	--	(16,800)	--	(+16,800)
AIR-9L/M SIDEWINDER	627	46,977	627	46,277	--	-700
AIR-9L/M SIDEWINDER (AP-CY)	--	17,641	--	---	--	-17,641
AIR-54A/C (PHOENIX)	205	289,272	205	119,522	--	-169,750
AIR-54A/C (PHOENIX) (BY TRANSFER)	--	---	--	(39,750)	--	(+39,750)
AIR-54A/C (PHOENIX) (AP-CY)	--	28,400	--	18,583	--	-9,817
AIR-54A/C (PHOENIX) (AP-CY) (BY TRANSFER)	--	---	--	(9,817)	--	(+9,817)
AGM-84A HARPOON	94	128,387	94	128,387	--	---
AGM-84A HARPOON (AP-CY)	--	11,476	--	---	--	-11,476
AGM-84A BARR (WVP)	1,110	256,682	1,110	256,682	--	---
SM-2 MR	844	513,611	844	513,611	--	---
SM-2 ER	350	217,017	350	217,017	--	---
BAR	50	63,209	--	---	--	-63,209
STINGER	685	51,940	685	39,740	--	-12,200
SIDELARK	256	22,858	256	22,858	--	---
LASER HAVERICK	1,800	198,791	1,500	165,691	-300	-33,100
IR HAVERICK	419	52,055	195	24,255	-224	-27,800
AERIAL TARGETS	--	97,386	--	97,386	--	---
DRONES AND DECOYS	--	36,136	--	36,136	--	---
OTHER MISSILE SUPPORT	--	22,017	--	11,517	--	-10,500
MODIFICATION OF MISSILES						
TOMAHAWK MODS	--	7,235	--	7,235	--	---
AIR/RIH-7E/F SPARROW MOD	--	1,233	--	1,233	--	---
AIR-9 SIDEWINDER MOD	--	3,131	--	3,131	--	---
STANDARD MISSILES MOD	--	2,093	--	2,093	--	---
SUPPORT EQUIPMENT AND FACILITIES						
WEAPONS INDUSTRIAL FACILITIES	--	7,490	--	7,490	--	---
FLEET SATELLITE COMMUNICATIONS	--	65,138	--	65,138	--	---
ORDNANCE SUPPORT EQUIPMENT						
ORDNANCE SUPPORT EQUIPMENT	--	132,958	--	108,025	--	-24,933
TOTAL, OTHER MISSILES		3,383,063		2,801,637		-581,426
TORPEDOES AND RELATED EQUIPMENT						
TORPEDO NM-68 ADCAP	227	508,370	50	214,770	-177	-293,600
ASW TORPEDO	34	18,995	--	---	-34	-18,995
TORPEDO NM-46 (WVP)	500	74,061	500	38,191	--	-35,800
TORPEDO NM-46 (WVP) (BY TRANSFER)	--	---	--	(22,500)	--	(+22,500)
TORPEDO NM-46 (WVP) (AP-CY)	--	23,800	--	23,800	--	---
NM-50 ADV LIGHTWEIGHT TORPEDO	94	109,937	--	19,387	-94	-90,550
NM-60 CAPTOR	--	---	130	59,500	+130	+59,500
ASROC	--	13,597	--	13,597	--	---
VERTICAL LAUNCHED ASROC	200	74,289	--	21,000	-200	-53,289
MOD OF TORPEDOES AND RELATED EQUIP						
TORPEDO NM-66 MODS	672	76,975	672	60,475	--	-16,500
TORPEDO NM-66 MODS (BY TRANSFER)	--	---	--	(10,000)	--	(+10,000)
TORPEDO NM-66 MODS (AP-CY)	--	5,200	--	5,200	--	---
CAPTOR MODS	--	15,619	--	15,619	--	---
SWIMMER WEAPON SYSTEM	--	3,911	--	3,911	--	---

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
SUPPORT EQUIPMENT						
TORPEDO SUPPORT EQUIPMENT	--	32.496	--	32.496	--	---
ASW RANGE SUPPORT	--	20.114	--	20.114	--	---
TOTAL, TORPEDOS AND RELATED EQUIPMENT		971.364		524.030		-447.334
OTHER WEAPONS						
GUNS AND GUN MOUNTS						
MM-15 CLOSE IN WEAPON SYSTEM	27	105.606	27	105.606	--	---
MM-75 76MM GUN MOUNT	5	14.875	5	14.875	--	---
MM-19/40MM MACHINE GUN	25	632	25	632	--	---
25MM GUN MOUNT	22	3,919	22	3,919	--	---
SMALL ARMS AND WEAPONS	--	10.082	--	10.082	--	---
MODIFICATION OF GUNS AND GUN MOUNTS						
CIMS MODS	--	42.965	--	42.965	--	---
5 /54 GUN MOUNT MODS	--	8.128	--	8.128	--	---
3"/50 GUN MOUNT MODS	--	1,637	--	1,637	--	---
MM 75 76MM GUN MOUNT MODS	--	4,101	--	4,101	--	---
MODS UNDER \$900,000	--	2,384	--	2,384	--	---
SUPPORT EQUIPMENT						
GUN SUPPORT EQUIPMENT	--	873	--	873	--	---
TOTAL, OTHER WEAPONS		193.202		193.202		---
SPARES AND REPAIR PARTS	--	150.734	--	150.734	--	---
INFLATION SAVINGS, FY87	--	---	--	-59,200	--	-59,200
TOTAL, WEAPONS PROCUREMENT, NAVY		6,095,600		5,047,640		-1,047,960
TRANSFER FROM OTHER ACCOUNTS		---		(180,667)		(-180,667)
TOTAL FUNDING AVAILABLE		6,095,600		5,208,107		-887,293

COMMITTEE RECOMMENDATIONS

AUTHORIZATION CHANGES

The Committee recommends the following changes in the budget estimate, in accordance with authorization action:

[In thousands of dollars]

	Budget request	Committee recommended	Change from request
AIM/RIM-7F/M Sparrow	\$279,394	259,094	-20,300
AIM-9L/M Sidewinder missile (AP-CY)	17,641		-17,641
AGM-84A Harpoon missile (AP-CY)	11,476		-11,476
RAM	63,209		-63,209
Stinger	51,940	39,740	-12,200
IIR Maverick	52,055	24,255	-27,800
Other missile support	22,017	11,517	-10,500
ASUW torpedo	16,995		-16,995
MK-60 Captor		59,500	+ 59,500

OTHER MISSILES

STRATEGIC MISSILES

BGM-109 TOMAHAWK

The Navy requested \$721,736,000 for 324 BGM-109 Tomahawk missiles. Contract savings of \$61,800,000 have been identified in the 1986 program which can be applied to 1987. In addition, projection of 1986 contract prices to the 1987 program results in funding requirements lower than the budget request by \$78,200,000. Accordingly, the Committee recommends \$581,736,000 for 324 BGM-109 Tomahawk missiles, a reduction of \$140,000,000 from the budget request, offset in part by a transfer of \$61,800,000 of prior year funds.

TACTICAL MISSILES

AIM/RIM-7 SPARROW

The Navy requested \$279,394,000 for 1,716 AIM/RIM-7 Sparrow missiles. The Committee concurs in the reduction of \$20,300,000 made by authorization action. The Committee is advised that this reduction can be partially offset by a transfer of \$16,800,000 of available prior year funds, and recommends said transfer.

AIM-9 SIDEWINDER

The Navy requested \$46,977,000 for 627 AIM-9 Sidewinder missiles. Projection of 1986 contract prices to the 1987 program results in funding requirements lower than the budget request by \$700,000. Accordingly, the Committee recommends \$46,277,000 for 627 AIM-9 Sidewinder missiles, a reduction of \$700,000 from the budget request.

AIM-54C PHOENIX

The Navy requested \$289,272,000 to procure 205 AIM-54C Phoenix missiles.

A recent agreement was made by the Navy and the contractor on not-to-exceed prices for the missiles being procured in the 1985 and 1986 programs. Calculation of new costs reveals that a total of \$39,750,000 of prior year funds are excess, and can be applied to the 1987 program.

The budget request included \$130,000,000 for a directed buy to a proposed second source. Last year, the Committee stated its strong reservations concerning this proposal, because convincing economic justification was lacking which demonstrated that second sourcing would save more money than it cost. Subsequently, the Committee of Conference directed the Navy to justify its request by submitting its Phase II analysis of Phoenix second sourcing, supported by an OSD CAIG review of the analysis, and by written proposals from the prospective second source suppliers. The required documentation has not been submitted. Accordingly, the Committee denies the request for \$130,000,000 for Phoenix second sourcing. The Committee notes that the direction contained in the report of the Committee of Conference for fiscal year 1986 remains in effect.

The Committee recommends a total of \$119,522,000 for 205 Phoenix missiles, a reduction of \$169,750,000, offset in part by a transfer of \$39,750,000 of prior year funds.

AIM-54C PHOENIX

(ADVANCE PROCUREMENT)

The Navy requested \$28,400,000 for Phoenix Advance Procurement. It appears to the Committee that some of the funds provided in 1986 for this purpose can be made available for 1987, because fewer missiles will be procured in 1987 than formerly were planned. The Committee recommends \$18,583,000 for Phoenix Advance Procurement, a reduction of \$9,817,000, offset by a transfer of prior year funds.

AGM-84A HARPOON

The Navy requested \$128,387,000 for 94 AGM-84A Harpoon missiles. The Committee recommends the budgeted amount.

The Navy proposes to divert 19 of the 94 missiles for use as a new Standoff Land Attack Missile (SLAM). However, the first RDT&E funds to support a SLAM program are contained in the fiscal year 1987 budget, making procurement proposals highly premature. It is clear that considerable integration and testing will be required before SLAM will be ready for production. The Committee specifically disapproves the diverting of Harpoons for use as SLAMs. Future proposals to procure SLAMs will be entertained by the Committee following submission of adequate flight test data gathered during the execution of the development program.

QUALIFICATION OF DOMESTIC SOURCE FOR MK-104 ROCKET NOZZLE

The Committee is advised that the rocket nozzle used in the Standard missile is currently acquired on a sole source basis from a foreign producer. There is ample domestic capability to produce this component; however, efforts to qualify domestic sources for production have been delayed.

In the interests of both competition and the establishment of a U.S. production base, the Committee directs the Navy to expedite its qualification of a domestic source for production of the rocket nozzle, and to compete this component in the FY 1987 procurement.

LASER MAVERICK

The Navy requested \$198,791,000 for 1,800 Laser Maverick missiles. The Committee finds that holding 1987 production to the 1986 level of 1,500 missiles is preferable, particularly because 1988 is planned to be the last year of production funding. Accordingly, the Committee recommends \$165,691,000 for 1,500 Laser Maverick missiles, a reduction of \$33,100,000 and 300 missiles from the budget request.

OTHER MISSILE SUPPORT

ORDNANCE SUPPORT EQUIPMENT

For reasons explained in a classified letter to the Secretary of Defense, the Committee recommends a reduction of \$24,933,000 from the budget request of \$132,958,000 for Ordnance Support Equipment.

TORPEDOES AND RELATED EQUIPMENT

MK-48 ADCAP

The Navy requested \$508,370,000 to procure 227 MK-48 ADCAP torpedoes of which 177 were to be procured from the current prime contractor and 50 were to be procured as qualification torpedoes from a second source. The Navy recently has had a series of significant testing problems which will substantially delay the award of the fiscal year 1986 contract to the current prime contractor, making a fiscal year 1987 procurement improbable. Accordingly, the Committee recommends \$214,770,000 to procure 50 MK-48 ADCAP torpedoes in order to continue its second source qualification. If the Navy is unable to negotiate a reasonable price with the current prime contractor for fiscal year 1986 funded procurement, consideration should be given to purchasing additional torpedoes from the second source. The current contract provides flexibility to purchase a larger quantity of torpedoes from the second source. The budget authority recommendation represents a reduction of \$293,600,000 from the budget request.

MK-46 TORPEDO

The Navy requested \$74,061,000 to procure 500 MK-46 torpedoes under a multiyear contract. The Navy's request fails to fully reflect

the current contract cost experience in the MK-46 multiyear program. Accordingly, the Committee recommends a total of \$60,661,000 to procure 500 MK-46 torpedoes, consisting of \$38,161,000 in new obligational authority, and \$22,500,000 in fiscal year 1985 and 1986 MK-46 torpedo funds transferred forward to fiscal year 1987. The budget authority recommendation represents a reduction of \$35,900,000 from the budget request.

MK-50 ADVANCE LIGHTWEIGHT TORPEDO

The Navy requested \$109,937,000 for low rate initial procurement of 84 MK-50 torpedoes. The Committee has been advised that there is a significant shortfall in Research and Development (R&D) funding which has resulted in a 25 percent reduction in the number of sea tests and a 46 percent reduction in the number of full scale development torpedoes. The Committee is concerned that these reductions could significantly increase the technical risk in the program.

The Committee continues to strongly endorse the MK-50 program. However, due to the aforementioned issues, the Committee recommends a total of \$19,387,000 for MK-50 for production start-up costs and costs associated with qualifying a second source. The Committee also is recommending that \$40,000,000 of this procurement request be added to the MK-50 Research and Development account to cover current funding shortfalls in order to conduct the original number of sea tests, and to procure the originally planned number of full-scale development torpedoes. This issue is discussed in more detail in the R&D section of the report.

The Committee recommendation represents a reduction of \$90,550,000 below the budget request and an increase of \$40,000,000 for MK-50 research and development which is discussed later in this report.

VERTICAL LAUNCHED ASROC

The Navy requested \$74,289,000 to procure 200 Vertical Launched ASROC systems. The request represents a new start procurement program which has over 40 percent of its research and development to be funded. Recent test failures have caused future tests to slip several months. Full-scale development is not scheduled to be completed until 1989, and a full production decision is not scheduled until March 1989. The Committee believes that procurement of the Vertical Launched ASROC is premature, however, it is recognized that a portion of the request is to qualify a second source. Accordingly, the Committee recommends \$21,000,000 for the Vertical Launched ASROC program, for second source qualification, which represents a reduction of \$53,289,000 from the budget request.

MODIFICATION OF TORPEDOES AND RELATED EQUIPMENT

MK-46 TORPEDO MODIFICATION

The Navy requested \$76,975,000 to modify 672 MK-46 torpedoes under a multiyear contract. Since the Navy's estimate fails to fully reflect revised cost estimates associated with the MK-46 torpedo program, the Committee recommends a total of \$70,475,000 to pro-

cure 672 MK-46 modification kits, consisting of \$60,475,000 in new obligational authority and \$10,000,000 in unobligated fiscal year 1986 MK-46 modification funds transferred forward to fiscal year 1987. The budget authority recommendation represents a reduction of \$16,500,000 from the budget request.

INFLATION ADJUSTMENT

As discussed in the beginning of the Procurement section of this report, the Committee recommends an inflation adjustment of \$59,200,000.

SHIPBUILDING AND CONVERSION, NAVY

Appropriations, 1986	\$10,800,300,000
Adjusted base, 1986	10,310,241,000
New obligational authority, 1987:	
Estimate	11,046,200,000
Recommended	9,213,100,000
Decrease	1,833,100,000
Total recommended in the bill	¹ 10,115,700,000

¹ Includes \$9,213,100,000 in new obligational authority, and in addition, \$902,600,000 in prior year unobligated balances of which \$46,800,000 is to be derived by transfer from "Shipbuilding and Conversion, Navy, 1982/1986"; \$328,600,000, "Shipbuilding and Conversion, Navy, 1983/1987"; \$67,900,000, "Shipbuilding and Conversion, Navy, 1984/1988"; \$19,000,000, "Shipbuilding and Conversion, Navy, 1985/1989"; and \$440,300,000, "Shipbuilding and Conversion, Navy, 1986/1990".

This appropriation finances the construction of new ships and the purchase and the conversion of existing ships, including hull, mechanical, and electrical equipment, electronics, guns, torpedo and missile launching systems, and communications systems.

PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following programs for fiscal year 1987:

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE		CHANGE FROM BUDGET	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
SHIPBUILDING AND CONVERSION, NAVY						
FLEET BALLISTIC MISSILE SHIPS						
BA-1 FLEET BALLISTIC MISSILE SHIPS						
TRIDENT (NUCLEAR).....	1	1,363,700	1	1,363,700	--	---
TRIDENT (NUCLEAR) (AP-CY).....	--	148,400	--	148,400	--	---
TOTAL, FLEET BALLISTIC MISSILE SHIPS.....		1,509,100		1,509,100		---
OTHER WARSHIPS						
BA-1 OTHER WARSHIPS						
SSN-588 CLASS SUBMARINE (NUCLEAR).....	4	2,047,800	4	1,785,100	--	-262,700
SSN-588 CLASS SUBMARINE (NUCLEAR) (BY TRANSFER).....	--	---	--	(181,600)	--	(-181,600)
SSN-588 CLASS SUBMARINE (NUCLEAR) (AP-CY).....	--	284,800	--	284,800	--	---
SSN-571.....	--	454,300	--	187,800	--	-266,500
CV 54EP (AP-CY).....	--	83,500	--	83,500	--	---
CG-47 ARBIS CRUISER (MVP).....	2	1,913,800	2	1,874,800	--	-37,000
CG-47 ARBIS CRUISER (MVP) (BY TRANSFER).....	--	---	--	(20,000)	--	(-20,000)
CG-47 ARBIS CRUISER (MVP) (AP-CY).....	--	10,500	--	10,500	--	---
DDG-51 (MVP).....	3	2,448,000	3	2,348,000	--	-100,000
DDG-51 (MVP) (AP-CY).....	--	79,800	--	79,800	--	---
TOTAL, OTHER WARSHIPS.....		7,322,500		6,656,300		-666,200
AMPHIBIOUS SHIPS						
BA-1 AMPHIBIOUS SHIPS						
LST-1 AMPHIBIOUS ASSAULT SHIP (MVP) (AP-CY).....	--	232,000	--	232,000	--	---
LST-4 LST.....	--	23,100	--	---	--	-23,100
TOTAL, AMPHIBIOUS SHIPS.....		255,100		232,000		-23,100
MINE WARFARE AND PATROL SHIPS						
BA-4 MINE WARFARE & PATROL SHIPS						
MSC-1 COASTAL MINE HUNTER.....	4	196,100	--	---	-4	-196,100
MSC-1 COASTAL MINE HUNTER (BY TRANSFER).....	--	---	--	(100,000)	--	(-100,000)
TOTAL, MINE WARFARE AND PATROL SHIPS.....		196,100		---		-196,100
AUXILIARIES, CRAFT, AND PRIOR-YEAR PROG						
BA-5 AUXILIARIES, CRAFT & PY PROG COSTS						
SAG FLEET SILER.....	2	275,500	2	209,400	--	-66,100
TAG FLEET SILER (BY TRANSFER).....	--	---	--	(49,400)	--	(-49,400)
AO (JUMBO).....	1	62,300	--	---	-1	-62,300
THOUS BURTAKS SHIPS.....	3	148,100	1	148,100	--	---
AOE.....	1	612,700	--	(319,400)	--	(-319,400)
AOE (BY TRANSFER).....	--	---	--	---	--	---
OCEANOGRAPHIC RESEARCH SHIP.....	1	33,000	1	---	--	-33,000
OCEANOGRAPHIC RESEARCH SHIP (BY TRANSFER).....	--	---	--	(33,000)	--	(-33,000)
SERVICE CRAFT.....	--	39,900	--	---	--	-39,900
SERVICE CRAFT (BY TRANSFER).....	--	---	--	(74,900)	--	(-74,900)
LANDING CRAFT.....	--	19,000	--	---	--	-19,000
LANDING CRAFT (BY TRANSFER).....	--	---	--	(19,000)	--	(-19,000)
STRATEGIC SEALIFT.....	--	27,800	--	---	--	-27,800
STRATEGIC SEALIFT (BY TRANSFER).....	--	---	--	(45,000)	--	(-45,000)
SEALIFT ENHANCEMENT.....	--	20,700	--	---	--	-20,700
OUTFITTING.....	--	226,100	--	226,100	--	---
POST DELIVERY.....	--	167,800	--	159,800	--	-8,000
SHIP CONTRACT DESIGN.....	--	69,600	--	---	--	-69,600
TACS CRANE SHIP.....	2	61,100	2	---	--	-61,100
TACS CRANE SHIP (BY TRANSFER).....	--	---	--	(61,100)	--	(-61,100)
TOTAL, AUXILIARIES, CRAFT, AND PRIOR-YEAR PROG.....		1,763,400		924,200		-839,200
ISPLATION SAVINGS, FY87.....	--	---	--	-108,500	--	-108,500
TOTAL, SHIPBUILDING AND CONVERSION, NAVY.....		11,046,200		9,213,100		-1,833,100
TRANSFER FROM OTHER ACCOUNTS.....		---		(902,600)		(-902,600)
TOTAL FUNDING AVAILABLE.....		11,046,200		10,115,700		-930,500

COMMITTEE RECOMMENDATIONS

AUTHORIZATION CHANGES

The Committee recommends the following changes in the budget estimate, in accordance with authorization action:

(In thousands of dollars)

	Budget request	Committee recommended	Change from request
LPD-4 SLEP	23,100		- 23,100
AD conversion	62,300		- 62,300

OTHER WARSHIPS

SSN-688 ATTACK SUBMARINE

The Navy requested \$2,047,800,000 to procure four SSN-688 attack submarines. Since the Navy's request fails to fully reflect continued demonstrated savings for basic construction, prior year contract savings, and lower than anticipated inflation, the Committee recommends a total of \$1,966,700,000, consisting of \$1,785,100,000 in new obligational authority and \$181,600,000 in unobligated fiscal year 1986 SSN-688 funds transferred forward to fiscal year 1987. The budget authority recommendation represents a reduction of \$262,700,000 below the budget request.

SSN-21

(ADVANCE PROCUREMENT)

The Navy requested \$454,300,000 for SSN-21 advance procurement. This request represents the Navy's initial requirement for SSN-21 procurement funds while over \$1,340,000,000 in then year dollars of the Research and Development remains to be funded. The request for advance procurement funding is intended to procure long lead nuclear components, shipbuilder materials, improvements to the turbine generator and to commence detail design. The Committee believes the Navy's request is premature in that approximately \$266,500,000 of this year's request is for nuclear propulsion equipment, yet over \$588,000,000 in Research and Development funding is required between fiscal years 1987 and 1992. Additionally, the General Accounting Office found that the costs associated with the nuclear plant equipment and turbine generators are substantially greater than the equipment being purchased for the SSN-668 class. Considering these factors, the Committee recommends \$187,800,000 for SSN-21 advance procurement which represents a reduction of \$266,500,000 from the budget request.

CG-47 AEGIS CRUISER

The Navy requested \$1,913,800,000 to procure two CG-47 AEGIS cruisers. In light of the fact that the Navy's budget request fails to fully reflect favorable prior year contract negotiations, the Commit-

tee recommends a total of \$1,896,800,000, consisting of \$1,876,800,000 in new obligational authority and \$20,000,000 in unobligated fiscal year 1986 CG-47 funds transferred forward to fiscal year 1987. The budget authority recommendation represents a reduction of \$37,000,000 below the budget request.

DDG-51 DESTROYER

The Navy requested \$2,448,000,000 to procure three DDG-51 destroyers. The Navy's request fails to fully reflect the savings associated with Vertical Launch System hardware, the cancellation of the SEAFIRE system, and the introduction of a second source shipbuilder. The Committee therefore recommends a total of \$2,348,000,000 which represents a reduction of \$100,000,000 below the budget request.

Additionally, the Committee believes the Navy's selection of the solid state frequency converter ensures the continuation of the existing industrial base and directs that the Navy take into consideration the following factors when awarding the contract for the frequency converter: AEGIS combat load demands, dynamic performance, survivability, and total costs, including acquisition, lifecycle, space and weight considerations and ship reconfiguration costs.

MINE WARFARE AND PATROL SHIPS

MSH—COASTAL MINE HUNTER

The Navy requested \$196,100,000 to procure four MSH-1 Coastal Mine Hunter ships. In conformance with authorization action, the Committee recommends that the funds for this request be denied. The Committee is very concerned over the technical problems, delivery slippages, and cost overruns in the Coastal Mine Hunter ship program and the resulting shortcomings in our mine countermeasures capability.

The Navy is currently working with a foreign shipyard to develop a Coastal Mine Hunter contract design for the U.S. Navy. This shipbuilder has considerable experience in constructing, testing, and delivering a number of minesweepers of varying designs. The Navy plans, although not finalized, call for the construction of the lead ship overseas as well as the involvement of two U.S. shipyards from the onset. It is the Navy's intent that the two U.S. shipyards would then compete for the follow-on Coastal Mine Hunter ship construction. The Committee does not interpose any major objections to this approach; however, a number of issues remain unresolved and the lack of definitized plans concerns the Committee. The Committee believes that the procurement of Coastal Mine Hunter vessels at the earliest practicable date is of critical importance to the nation's defense needs. While the Committee looks favorably upon a Navy plan which will result in minimizing the technical cost and schedule risks inherent in lead ship construction, it expects that the involvement of the U.S. shipbuilding industry will be maximized. The Committee, at this point, desires to receive greater assurance that the Navy has thoroughly considered all the implications associated with contracting with a foreign shipyard to construct a Coastal Mine Hunter since it has little experience in

this area. As a possible means of reducing costs, the Committee supports that the contract design submitted by the runner-up (which was a modification to the foreign design being considered) in the earlier MSH-1 competition should be closely evaluated and compared to the Navy's current plans to determine whether this design would involve a lesser degree of technical risk and provide a more expedient delivery of a Coastal Mine Hunter to the fleet while maximizing competition within the United States shipbuilding industry. The Committee directs the Navy to report its findings to the Committee within 45 days after the printing and issuance of this report.

If the Navy's final decision is to continue its efforts with the foreign shipyard, the Committee directs the Secretary of the Navy to certify, in writing, that the purchase of one foreign Coastal Mine Hunter ship responds to an urgent national security requirement and the Navy's evaluation determined that no United States shipbuilder has the capability to meet that requirement in a similar timeframe.

Since prior year MSH funds remain unobligated, the Committee recommends that \$100,000,000 of the fiscal year 1986 MSH Coastal Mine Hunter appropriation be made available for the detail design and construction of the approved Coastal Mine Hunter ship. However, a waiver of title 10 U.S.C. section 7309 is not considered to be appropriate until the aforementioned direction has been executed. It is the Committee's view that any Navy plans for foreign construction of an MSH Coastal Mine Hunter is a one-time exception to the aforementioned legislation and would involve the construction of one MSH Coastal Mine Hunter in a foreign shipyard.

With respect to the fiscal year 1984 MSH-1 ship, the Committee believes that because of the technical, cost, and schedule problems associated with this ship the Navy should take this opportunity to evaluate whether or not it should continue to proceed further. The Committee believes that in its evaluation the Navy should consider redesignating MSH-1 to a research and development advanced technology craft program and consider eliminating the mine hunting features and characteristics and concentrate on taking full advantage of the surface effect ship (SES), glass reinforced plastic characteristics as an advanced research ship.

AUXILIARIES, CRAFT AND PRIOR YEAR PROGRAMS

T-AO FLEET OILER

The Navy requested \$275,500,000 to procure two T-AO fleet oilers. The Navy's budget request, however, fails to fully reflect savings associated with favorable prior year negotiations, continued productivity improvements related to the previously funded T-AO's, an increased competitive environment, and reduced inflation. The Committee, therefore, recommends a total of \$259,000,000, consisting of \$209,600,000 in new obligational authority and \$49,400,000 in unobligated T-AO funds transferred forward to fiscal year 1987.

Fiscal year:

1982.....	\$2,800,000
1983.....	2,800,000

1984.....	7,100,000
1985.....	11,000,000
1986.....	25,700,000
Total.....	49,400,000

The budget authority recommendation represents a reduction of \$65,900,000 below the budget request.

AOE FAST COMBAT SUPPORT SHIP

The Navy requested \$612,700,000 to procure one AOE fast combat support ship. The Committee believes that the Navy's current cost estimate is significantly overstated based upon a comparative cost analysis between the proposed AOE and other comparable ships. Additionally, the Navy's estimate does not fully reflect the increased competitive environment and lower inflation. The Committee therefore recommends a total of \$499,700,000 for one AOE fast combat support ship, consisting of \$181,100,000 in new obligational authority, and \$318,600,000 in unobligated shipbuilding funds transferred forward to fiscal year 1987 as follows:

Fiscal year:	
1982.....	\$3,000,000
1983.....	279,600,000
1984.....	15,000,000
1985.....	8,000,000
1986.....	13,000,000
Total.....	318,600,000

The budget authority recommendation represents a reduction of \$431,600,000 below the budget request.

OCEANOGRAPHIC RESEARCH SHIP

The Navy requested \$33,000,000 to procure one oceanographic research ship. The Committee recommends a total of \$33,000,000, consisting of no new obligational authority and \$25,000,000 in unobligated fiscal year 1982 FFG-7 funds and \$8,000,000 in unobligated fiscal year 1986 outfitting funds transferred forward to fiscal year 1987. The budget authority recommendation represents a reduction of \$33,000,000 below the budget request.

SERVICE CRAFT

The Navy requested \$39,900,000 for service craft. The Committee recommends a total of \$74,900,000, consisting of no new obligational authority and \$74,900,000 in unobligated shipbuilding funds transferred forward to fiscal year 1987. The Navy has developed a plan to convert civilian fishing vessels into coastal hydrographic vessels. The Committee believes that the current market provides an opportunity to obtain used vessels at very reasonable prices, particularly if the Navy does not limit the conversion candidates to solely fishing vessels. The Committee is therefore recommending that \$35,000,000 of the total amount provided in prior year funds be used to start this program provided that all vessels be purchased on a competitive basis. The recommended transfers are as follows:

Fiscal year 1983: T-AH.....	\$9,000,000
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Fiscal year 1984:	
T-AH.....	4,900,000
Cost growth.....	23,000,000
Fiscal year 1986:	
MSH coastal mine hunter.....	25,000,000
Service craft.....	3,000,000
Total.....	74,900,000

The budget authority recommendation represents a reduction of \$39,900,000 below the budget request.

LANDING CRAFT

The Navy requested \$19,000,000 to procure one Special Warfare Craft-Medium. The Committee recommends a total of \$19,000,000 to procure one Special Warfare Craft, consisting of no new obligational authority and \$19,000,000 in unobligated fiscal year 1982 and 1983 T-AKR funds transferred forward to fiscal year 1987. The budget authority recommendation represents a reduction of \$19,000,000 below the budget request. Because of the technical, cost and schedule problems associated with the lead craft, the Committee directs that the Special Warfare Craft be procured on a competitive basis. In this regard, the Navy should consider off-the-shelf technology, similar to the Coast Guard's procurement of surface effect ships.

STRATEGIC SEALIFT

The Navy requested \$27,800,000 for the Strategic Sealift program. The Committee recommends a total of \$45,000,000, consisting of no new obligational authority and \$45,000,000 in unobligated funds transferred forward to fiscal year 1987 to procure handy-sized tankers for the strategic sealift program. The recommended transfers are as follows:

Fiscal year 1982: Cost growth.....	\$6,000,000
Fiscal year 1983:	
ARS.....	3,000,000
Cost growth.....	8,000,000
Post delivery.....	4,000,000
Battleship.....	6,800,000
Fiscal year 1986: MSH constal mine hunter.....	17,200,000
Total.....	45,000,000

The budget authority recommendation represents a decrease of \$27,800,000 from the budget request.

SEALIFT ENHANCEMENT

The Navy requested \$20,700,000 for the sealift enhancement program. Based upon the Navy's lack of definitive plans for the sealift enhancement program the Committee recommends that the request be denied.

POST DELIVERY

The Navy requested \$167,800,000 for post delivery. In light of the delay of the MCM-1 delivery, the Committee recommends

\$159,300,000 for post delivery, which represents a reduction of \$8,500,000 from the budget request.

SHIP CONTRACT DESIGN

The Navy requested \$69,400,000 for ship contract design. The Committee has recommended in the past that ship contract design be funded in the research and development appropriation. The Committee continues to support this position, and accordingly recommends the funding request for ship contract design be denied in the shipbuilding account. The Committee also recommends that the research and development funding be increased to support ship contract design which is discussed later in this report.

T-ACS AUXILIARY CRANE SHIP

The Navy requested \$61,100,000 for the conversion of two T-ACS auxiliary crane ships. The Committee recommends a total of \$61,100,000 for the T-ACS auxiliary crane ships, consisting of no new obligational authority and \$61,100,000 in unobligated shipbuilding funds transferred forward to fiscal year 1987 as follows:

Fiscal year 1983: T-ACS	\$6,400,000
Fiscal year 1984:	
T-ACS	9,000,000
Outfitting	8,900,000
Fiscal year 1986:	
T-ACS	7,500,000
LCAC	29,300,000
Total	61,100,000

The budget authority recommendation represents a reduction of \$61,100,000 to the budget request.

INFLATION ADJUSTMENT

As discussed in the beginning of the procurement section of this report, the Committee recommends an inflation adjustment of \$108,500,000.

OTHER PROCUREMENT, NAVY

Appropriations, 1986	\$6,377,630,000
Adjusted base, 1986	6,081,631,000
New obligational authority, 1987:	
Estimate	6,538,800,000
Recommended	5,492,515,000
Decrease	1,046,285,000
Total recommended in the bill	5,587,928,000

¹ Includes \$5,492,515,000 in new obligational authority, and in addition \$5,094,000 to be derived by transfer from "Other Procurement, Navy, 1985/1987", and \$90,319,000 to be derived by transfer from "Other Procurement, Navy, 1986/1988".

This appropriation finances the procurement of major equipment and weapons other than ships, aircraft, missiles, torpedoes, and guns. Such equipments range from the latest electronic sensors for updating our naval forces to trucks, training equipment, and spare parts.

PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 1987:

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
OTHER PROCUREMENT: NAVY						
SHIPS SUPPORT EQUIPMENT						
SHIP PROPULSION EQUIPMENT						
JP-2500 GAS TURBINE	--	22,351	--	9,000	--	-13,351
JP-2500 GAS TURBINE (BY TRANSFER)	--	--	--	(1,000)	--	(-1,000)
ALLISON 501R GAS TURBINE	2	14,740	2	14,740	--	--
JL1500 SPECIAL SUPPORT EQUIPMENT	--	967	--	967	--	--
STEAM PROPULSION IMPROVEMENT PROGRAM	--	11,764	--	6,470	--	-5,294
OTHER PROPULSION EQUIPMENT	--	27,249	--	28,251	--	-999
OTHER PROPULSION EQUIPMENT (BY TRANSFER)	--	--	--	(81)	--	(-81)
GENERATORS						
OTHER GENERATORS	--	14,940	--	14,940	--	--
PUMPS						
OTHER PUMPS	--	10,538	--	10,538	--	--
AIR COMPRESSORS						
HIGH PRESSURE AIR COMPRESSOR	28	7,048	28	7,048	--	--
OTHER AIR COMPRESSORS	8	1,461	8	1,461	--	--
PROPELLERS						
SUBMARINE PROPELLERS	17	2,157	17	2,157	--	--
OTHER PROPELLERS AND SHAFTS	--	9,557	--	9,557	--	--
NAVIGATION EQUIPMENT						
ELECTRICALLY ASSISTED CYRO NAVIGATOR	15	34,510	15	34,510	--	--
CARRIER NAVIGATION SYSTEM	--	5,433	--	5,433	--	--
OTHER NAVIGATION EQUIPMENT	--	8,850	--	8,850	--	--
UNDERWAY REPLENISH EQUIP						
UNDERWAY REPLENISHMENT EQUIPMENT	--	2,959	--	2,959	--	--
PERISCOPES						
TYPE 10 PERISCOPE	--	21,325	--	21,325	--	--
TYPE 8 PERISCOPES	11	282	--	282	--	--
PERISCOPES AND ACCESSORIES	--	5,403	--	5,403	--	--
OTHER MIDBOARD EQUIPMENT						
PORTFOLIOING EQUIPMENT	--	11,848	--	11,848	--	--
COMMAND AND CONTROL SWITCHBOARDS	5	2,789	5	2,789	--	--
COLLISION CONTROL EQUIPMENT	--	8,471	--	8,471	--	--
SUBMARINE SILENCING EQUIPMENT	--	27,084	--	27,084	--	--
SURFACE SHIP SILENCING EQUIPMENT	--	8,975	--	8,975	--	--
SUBMARINE BATTERIES	53	12,200	53	12,200	--	--
STRATEGIC PLATFORM SUPPORT EQUIPMENT	--	72,778	--	72,778	--	--
DSSP EQUIPMENT	--	9,787	--	9,787	--	--
SEALIFT SUPPORT EQUIPMENT	--	58,277	--	58,277	--	-12,000
MINE-SWEEPING CABLE	--	7,350	--	7,350	--	--
NR-6 ITEMS UNDER WAR	--	28,661	--	28,661	--	--
SURFACE INA	--	21,877	--	21,877	--	--
RADIOLOGICAL CONTROLS	--	227	--	227	--	--
MINI-MICROMINI ELECTRONIC REPAIR	--	1,001	--	1,001	--	--
CHEMICAL WARFARE DETECTORS	214	10,940	214	10,940	--	--
SUBMARINE LIFE SUPPORT SYSTEM	15	27,892	15	27,892	--	--
SHIP ENGINEERING MAINTENANCE	--	4,067	--	4,067	--	--
REACTOR PLANT EQUIPMENT						
REACTOR POWER UNITS	5	202,502	5	202,502	--	--
REACTOR COMPONENTS	--	227,803	--	227,803	--	--
OCEAN ENGINEERING						
DIVING AND SALVAGE EQUIPMENT	--	11,855	--	11,855	--	--
NAVAL SPECIAL WARFARE EQUIPMENT	--	31,707	--	25,051	--	-6,656
SMALL BOATS						
SMALL BOATS	340	19,570	340	19,570	--	--
TRAINING EQUIPMENT						
NEW SHIP TRAINING EQUIP	--	12,547	--	12,547	--	--
OTHER SHIPS TRAINING EQUIPMENT	--	6,075	--	6,075	--	--
PRODUCTION FACILITIES EQUIPMENT						
CALIBRATION EQUIPMENT	--	1,590	--	1,590	--	--
PRODUCTION SUPPORT FACILITIES	--	13,737	--	13,737	--	--
OPERATING FORCES IPE	--	4,914	--	4,914	--	--
GENERAL REDUCTION	--	--	--	-50,000	--	-50,000
TOTAL SHIPS SUPPORT EQUIPMENT		1,054,364		990,065		-64,301

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
COMMUNICATIONS AND ELECTRONICS EQUIPMENT						
SHIP RADARS						
AN SPS-47	17	7,209	17	7,209	---	---
AN SPS-40	---	17,732	---	17,732	---	---
AN SPS-48	---	48,800	---	48,800	---	---
AN SPS-49	---	17,012	---	17,012	---	---
AN SPS-11	4	13,725	4	13,724	---	-131
AN SPS-11 (BY TRANSFER)	---	---	---	(160)	---	(160)
AN SPS-11 (BY TRANSFER)	---	---	---	(71)	---	(71)
WE 21 TARGET ACQUISITION SYSTEM	12	20,080	12	20,080	---	---
KADAR SUPPORT	---	13,869	---	13,869	---	---
SHIP SONARS						
AN SQS-28/51/53A	---	14,222	---	14,222	---	---
AN SQS-53B	4	25,086	4	24,822	---	-264
AN SQS-53C	1	14,001	1	14,001	---	---
AN SQS-5	---	83,327	---	83,327	---	---
10-16 TONED ARRAY (MFP)	10	4,610	10	4,610	---	---
SHIP SONAR WINDOWS AND DUMES	---	10,378	---	10,378	---	---
SONAR SUPPORT EQUIPMENT	---	10,430	---	10,430	---	---
SONAR SWITCHES AND TRANSDUCERS	---	36,470	---	25,833	---	-10,637
SONAR SWITCHES AND TRANSDUCERS (BY TRANSFER)	---	---	---	(19,487)	---	(19,487)
FOR SYSTEM SONARS	---	1,787	---	1,787	---	---
NAV ELECTRONIC EQUIPMENT						
SUBMARINE ACOUSTIC WARFARE SYSTEMS	---	23,231	---	23,231	---	---
AN SIG-25 (WIRIE)	27	9,359	---	---	-27	-9,359
ACOUSTIC COMMUNICATIONS	---	655	---	655	---	---
SUBMARINE ADVANCED COMBAT SYSTEM	---	66,228	---	66,228	---	---
NOVIS	---	83,183	---	83,183	---	---
AN SQS-17 ACOUSTIC PROCESSOR	8	7,829	20	16,929	+12	+9,100
AN SQS-18 TONED ARRAY SONAR	---	28,721	---	23,598	---	-5,123
AN/SQS-18 TONED ARRAY SONAR (BY TRANSFER)	---	---	---	(1,110)	---	(1,110)
AN SQS-15 TONED ARRAY SONAR	---	1,197	---	1,197	---	---
AN SQS-15 TONED ARRAY SONAR	10	112,414	---	---	-10	-112,414
SURTASS	---	19,790	---	19,790	---	---
ASW OPERATIONS CENTER	---	12,723	---	12,723	---	---
CARRIER ASW MODULE	40	27,894	---	27,124	---	-770
CARRIER ASW MODULE (BY TRANSFER)	---	---	---	(330)	---	(330)
ELECTRONIC WARFARE EQUIPMENT						
AN SIG-32	---	75,993	---	75,993	---	---
AN SIG-17	5	14,197	5	14,197	---	---
AN WUB-1	---	4,269	---	4,269	---	---
OFFBOARD DECEPTION DEVICES	---	22,554	---	22,554	---	---
EW SUPPORT EQUIPMENT	---	10,240	---	10,240	---	---
FLEET EW SUPPORT GROUP	---	1,640	---	1,640	---	---
CS COUNTERMEASURES	---	69,155	---	69,155	---	---
RECONNAISSANCE EQUIPMENT						
COMBAT CRYPTOLOGIC SUPPORT CONSOLE	---	5,203	---	5,203	---	---
COMBAT CP	---	36,465	---	36,465	---	---
OUTBOARD	---	28,063	---	24,803	---	-3,260
OUTBOARD (PYRO TRANS)	---	---	---	(1,260)	---	(1,260)
NAVAL INTELLIGENCE PROCESSING SYSTEM	---	9,595	---	9,595	---	---
SUBMARINE SURVEILLANCE EQUIPMENT						
AN SIG-4 DEPUT	---	1,170	---	1,170	---	---
AN SIG-4 IMPROVEMENTS	---	3,582	---	3,582	---	---
AN SIG-1 (INTERFEROMETER)	---	---	---	16,800	---	+16,800
SUBMARINE SUPPORT EQUIPMENT PROGRAM	---	4,911	---	4,911	---	---
OTHER SHIP ELECTRONIC EQUIPMENT						
NAVY TACTICAL DATA SYSTEM	---	104,581	---	103,301	---	-1,280
NAVY TACTICAL DATA SYSTEM (BY TRANSFER)	---	---	---	(1,280)	---	(1,280)
TACTICAL FLAG COMMAND CENTER	3	17,237	3	17,237	---	---
COMMAND AND CONTROL PROCESSOR	4	3,919	4	3,919	---	---
ENGINEERING SYSTEM REPLACEMENT	---	2,149	---	2,149	---	---
NAVSTAR GPS RECEIVERS	135	24,915	135	24,915	---	---
OF LOW-11 DATA TERMINALS	18	4,324	18	4,324	---	---
ARMED FORCES RADIO AND TV	---	5,127	---	5,127	---	---
STRATEGIC PLATFORM SUPPORT EQUIPMENT	---	161,346	---	161,346	---	---
TRAINING EQUIPMENT						
OTHER NAVSEA TRAINING EQUIPMENT	---	5,035	---	5,035	---	---
AVIATION ELECTRONIC EQUIPMENT						
AVTALS	---	29,556	---	29,556	---	---
SHIPBOARD AIR TRAFFIC CONTROL	---	12,914	---	12,914	---	---
AUTOMATIC CARRIER LANDING SYSTEMS	---	23,092	---	---	---	-23,092

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
TACAN	--	873	--	873	--	---
AIR STATION SUPPORT EQUIPMENT	--	15,054	--	15,054	--	---
MICRONAVE LANDING SYSTEM	12	6,146	12	---	--	-6,146
FACSPAC	--	22,099	--	21,086	--	-1,012
FACSPAC (BY TRANSFER)	--	---	--	(1,012)	--	(+1,012)
RADAR AIR TRAFFIC CONTROL	15	1,521	15	1,521	--	---
NO XII AIRN IFF	--	9,422	--	9,422	--	---
OTHER SHORE ELECTRONIC EQUIPMENT	--	---	--	---	--	-3,053
NAVAL SPACE SURVEILLANCE SYSTEM	--	3,053	--	---	--	-3,053
SPACE SYSTEM PROCESSING	--	2,166	--	2,166	--	---
MULTOTS	--	1,242	--	1,242	--	---
NCCS ASSHORE	--	39,604	--	39,604	--	---
RADIAC	--	7,931	--	7,931	--	---
OVER THE HORIZON RADAR	--	2,270	--	---	--	-2,270
CPETE	--	28,326	--	28,326	--	---
INTEG COMBAT SYS TEST FACILITY	--	4,906	--	4,906	--	---
CALIBRATION STANDARDS	--	8,216	--	8,216	--	---
EMI CONTROL INSTRUMENTATION	--	7,369	--	7,369	--	---
SHORE ELEC ITEMS UNDER \$500K	--	8,719	--	8,719	--	---
SHIPBOARD COMMUNICATIONS	--	---	--	---	--	---
SHIPBOARD HF COMMUNICATIONS	--	11,737	--	11,737	--	---
SHIPBOARD UHF COMMUNICATIONS	--	9,445	--	9,445	--	---
FLIGHT DECK COMMUNICATIONS	--	1,991	--	1,991	--	---
PORTABLE RADIOS	674	8,282	674	8,282	--	---
SHIP COMMUNICATIONS AUTOMATION	--	17,950	--	17,950	--	---
SHIP COMM ITEMS UNDER \$500K	--	13,486	--	13,486	--	---
SEALIFT SHIP COMM	--	4,716	--	4,716	--	---
SUBMARINE COMMUNICATIONS	--	---	--	---	--	---
ELF COMMUNICATIONS	77	30,836	77	30,836	--	---
SHORE LP/VLF COMMUNICATIONS	--	17,781	--	15,329	--	-2,452
SHORE LP/VLF COMMUNICATIONS (BY TRANSFER)	--	---	--	(2,452)	--	(+2,452)
VERDIS	--	11,824	--	11,824	--	---
SSN INTEGRATED COMMUNICATIONS	--	2,237	--	2,237	--	---
SUBMARINE COMMUNICATION ANTENNAS	--	27,925	--	27,925	--	---
DATA COLLECTION AND RECORD SYS	25	943	25	943	--	---
SATELLITE COMMUNICATIONS	--	---	--	---	--	---
SATCOM SHIP TERMINALS	--	34,544	--	34,544	--	---
SATCOM SHORE TERMINALS	--	8,979	--	8,979	--	---
SHORE COMMUNICATIONS	--	---	--	---	--	---
JCS COMMUNICATIONS EQUIPMENT	--	6,739	--	6,739	--	---
ELECTRICAL POWER SYSTEMS	--	1,523	--	1,523	--	---
SHORE HF COMMUNICATIONS	--	11,334	--	11,334	--	---
JOINT TACTICAL COMM (TRI-TAC)	--	33,872	--	33,872	--	---
DES TREE CONTROL IMPROVEMENTS	--	98	--	98	--	---
VOICE MSG CARRIER TELEGRAPHS	--	6	--	6	--	---
ASHORE MOBILE COMM VANS	--	---	--	---	--	---
WORLDWIDE WIDEBAND COMM	--	3,555	--	3,555	--	---
UNICOM COMMUNICATIONS EQUIPMENT	--	406	--	406	--	---
SHORE COMMUNICATIONS AUTOMATION	--	9,700	--	9,700	--	---
SHORE COMM ITEMS UNDER \$500K	--	2,054	--	2,054	--	---
CRYPTOGRAPHIC EQUIPMENT	--	---	--	---	--	---
SINGLE AUDIO SYSTEM	--	16,965	--	16,965	--	---
TSBC/RY-71/72 (STU-11/STU-11M)	--	13,572	--	13,572	--	---
TSBC/RY-84	--	27,871	--	49,371	--	+21,500
TSBC/RY-57/58 (VIRSON)	--	20,397	--	20,397	--	---
TSBC/RY-5 (AIRINT)	--	6,333	--	6,333	--	---
TSBC/RY-48	--	8,797	--	8,797	--	---
TSBC/RY-81 (WALBURN)	--	1,188	--	1,188	--	---
TSBC/RY-44 (RMSF)	--	5,013	--	5,013	--	---
TSBC/RY-96 (ITSS)	21	2,518	21	2,518	--	---
YU1AC CRYPTO	--	28,414	--	28,414	--	-2,000
TSBC/RY-11	832	14,784	832	14,784	--	---
COMMON FILL DEVICES	--	479	--	479	--	---
SIGNAL SECURITY	--	362	--	362	--	---
CRYPTOGRAPHIC ITEMS UNDER \$500K	--	12,221	--	12,221	--	---
CRYPTOLOGIC EQUIPMENT	--	---	--	---	--	---
CRYPTOLOGIC COMMUNICATIONS EQUIP	--	810	--	810	--	---
SHIPS SIGNAL EXPLOITATION SPACE	--	1,625	--	1,625	--	---
CRYPTOLOGIC ITEMS UNDER \$500K	--	5,613	--	5,613	--	---
CRYPTOLOGIC RESERVES EQUIPMENT	--	1,172	--	1,172	--	---
CRYPTOLOGIC FIELD TRAINING EQUIP	--	769	--	769	--	---
SHORE CRYPTOLOGIC SUPPORT SYSTEM	--	2,020	--	2,020	--	---
OTHER ELECTRONIC SUPPORT	--	---	--	---	--	---
WAR RESERVE	--	1,013	--	1,013	--	---

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
ELEC ENGINEERED MAINT (NAVSEA).....	--	5,153	--	5,153	--	---
ELEC ENGINEERED MAINT (NAVELEX).....	--	1,933	--	1,933	--	---
GENERAL REDUCTION.....	--	---	--	-90,000	--	-90,000
TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT.....		2,031,430		1,807,467		-223,963
AVIATION SUPPORT EQUIPMENT						
SOMOSBORS						
AN/SQ-34 (RT).....	32,534	4,728	32,534	4,728	--	---
AN/SQ-53 (BIPAR).....	273,615	100,583	273,615	98,483	--	-2,100
AN/SQ-57 (SPECIAL PURPOSE).....	11,935	2,801	11,935	2,801	--	---
AN/SQ-62 (BICARR).....	27,436	35,265	27,436	35,265	--	---
AN/SQ-77 (VLAR).....	85,800	61,388	85,800	48,800	--	-12,588
AN/SQ-84 (BLC).....	1,840	2,840	1,840	2,840	--	---
SIGNAL UNDERWATER SOUND (SUS).....	4,500	1,228	4,500	1,228	--	---
LOW COST SOMOSBORS.....	490,000	28,549	--	---	--	-490,000
AIR LAUNCHED ORDNANCE						
GRIPPER.....	1,600	44,704	1,600	44,704	--	---
GENERAL PURPOSE BOMBS.....	---	126,929	---	37,129	--	-89,800
LASER GUIDED BOMB KITS.....	515	6,344	515	6,344	--	---
WALLFIRE.....	---	35,293	---	---	--	-35,293
ROCKET.....	1,528	8,075	--	---	--	-8,075
ZUNI ROCKET.....	---	28,271	--	8,271	--	-18,000
2.75 INCH ROCKET.....	---	31,416	--	31,416	--	---
PARACHUTE FLARES.....	302	1,947	302	1,947	--	---
MACHINE GUN AMMUNITION.....	---	21,180	---	20,680	--	-500
PRACTICE BOMBS.....	---	30,678	---	35,478	--	-5,200
CARTRIDGES + CARTRIDGE ACTUATED DEVICES.....	---	25,253	---	25,253	--	---
AIRCRAFT ESCAPE ROCKETS.....	---	7,458	---	7,458	--	---
AIRBORNE EXPENDABLE COUNTERMEASURES.....	---	40,852	---	31,252	--	-9,600
NAVINE LOCATION MARKERS.....	---	8,307	---	8,307	--	---
DEFENSE NUCLEAR AGENCY MATERIAL.....	---	2,454	---	2,454	--	---
BIGEYE CHEMICAL WEAPON.....	585	28,533	---	---	--	-28,533
JATOR.....	---	2,021	---	2,021	--	---
GATOR.....	912	42,585	---	---	--	-42,585
MISC AIR LAUNCHED ORDNANCE.....	---	566	---	566	--	---
AIRCRAFT SUPPORT EQUIPMENT						
WEAPONS RANGE SUPPORT EQUIPMENT.....	---	46,431	---	43,431	--	-3,000
WEAPONS RANGE SUPPORT EQUIPMENT (BY TRANSFER).....	---	---	---	(3,000)	--	(+3,000)
EXPEDITIONARY AIRFIELDS.....	---	1,292	---	1,292	--	---
AIRCRAFT BEARING EQUIPMENT.....	---	38,830	---	35,771	--	-3,059
AIRCRAFT BEARING EQUIPMENT (BY TRANSFER).....	---	---	---	(3,059)	--	(+3,059)
CATAPULTS AND ARRESTING GEAR.....	---	33,670	---	33,670	--	---
RETROLOGICAL EQUIPMENT.....	---	19,015	---	19,015	--	---
OTHER PHOTOGRAPHIC EQUIPMENT.....	---	2,078	---	2,078	--	---
MISC SURVIVAL EQUIPMENT.....	---	17,603	---	17,603	--	---
AIRBORNE MINE COUNTERMEASURES.....	---	32,304	---	19,821	--	-12,483
LARPS RE II SHIPBOARD EQUIPMENT.....	---	34,983	---	31,003	--	-3,980
RECON PHOTOGRAPHIC EQUIPMENT.....	---	1,858	---	1,858	--	---
STECH SURVEILLANCE EQUIPMENT.....	---	1,971	---	1,971	--	---
OTHER AVIATION SUPPORT EQUIPMENT.....	---	5,719	---	5,719	--	---
TOTAL, AVIATION SUPPORT EQUIPMENT.....		963,514		860,739		-102,775
ORDNANCE SUPPORT EQUIPMENT						
SHIP GUN AMMUNITION						
5 /50 GUN AMMUNITION.....	---	3,743	---	3,743	--	---
5 /38 GUN AMMUNITION.....	---	6,309	---	6,309	--	---
5 /54 GUN AMMUNITION.....	---	75,825	---	61,725	--	-14,100
15 INCH GUIDED PROJECTILE.....	---	127,916	---	127,916	--	---
15 INCH GUN AMMUNITION.....	---	7,867	---	7,867	--	---
CRUS AMMUNITION.....	---	41,814	---	35,314	--	-6,500
THOM GUN AMMUNITION.....	---	17,092	---	17,092	--	---
OTHER SHIP GUN AMMUNITION.....	---	29,990	---	19,090	--	-9,900
SHIP GUN SYSTEM EQUIPMENT						
GUN FIRE CONTROL EQUIPMENT.....	---	19,198	---	19,198	--	---
COAST GUARD GUN SYSTEM.....	2	20,930	2	20,930	--	---
SHIP MISSILE SYSTEM EQUIPMENT						
RE-92 FIRE CONTROL SYSTEM.....	---	3,471	---	3,471	--	---
RE-92 CMT.....	---	---	---	54,000	--	+54,000
BARPOON SUPPORT EQUIPMENT.....	---	13,041	---	13,041	--	---
TERRIER SUPPORT EQUIPMENT.....	---	56,810	---	56,810	--	---
TARTAN SUPPORT EQUIPMENT.....	---	47,092	---	47,092	--	---
POINT DEFENSE SUPPORT EQUIPMENT (HVP).....	---	42,314	---	42,314	--	---
AIRBORNE ROW/SCOW.....	---	1,061	---	1,061	--	---
ABDIS SUPPORT EQUIPMENT.....	---	60,592	---	60,592	--	---

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
SURFACE TOMAHAWK SUPPORT EQUIPMENT.....	--	109,593	--	109,593	--	---
SUBMARINE TOMAHAWK SUPPORT EQUIPMENT.....	--	11,916	--	11,916	--	---
VERTICAL LAUNCH SYSTEM.....	4	137,767	4	131,339	--	-6,428
FMV SUPPORT EQUIPMENT						
STRATEGIC PLATFORM SUPPORT EQUIPMENT.....	--	105,318	--	105,318	--	---
ASW SUPPORT EQUIPMENT						
NK 117 FIRE CONTROL SYSTEM.....	29	54,187	29	54,187	--	---
SUBMARINE ASW SUPPORT EQUIPMENT.....	--	23,336	--	23,336	--	---
SURFACE ASW SUPPORT EQUIPMENT.....	--	24,886	--	24,886	--	---
NK 116 FIRE CONTROL SYSTEM.....	4	40,929	4	14,224	--	-26,705
ASW RANGE SUPPORT EQUIPMENT.....	--	5,429	--	5,429	--	---
OTHER ORDNANCE SUPPORT EQUIPMENT						
EXPLOSIVE ORDNANCE DISPOSAL EQUIP.....	--	15,238	--	15,238	--	---
SWIMMER WEAPONS SYSTEMS.....	--	847	--	847	--	---
UNMANNED SEABOARD TARGET.....	--	2,872	--	2,872	--	---
ANTI-SHIP MISSILE DECOY SYSTEMS.....	5	6,362	5	6,362	--	---
CALIBRATION EQUIPMENT.....	--	6,290	--	6,290	--	---
STOCK SURVEILLANCE EQUIPMENT.....	--	2,096	--	2,096	--	---
OTHER ORDNANCE TRAINING EQUIPMENT.....	--	2,362	--	2,362	--	---
OTHER EXPENDABLE ORDNANCE						
SMALL ARMS AND LANDING PARTY AMMO.....	--	31,002	--	31,002	--	---
PYROTECHNIC AND DEMOLITION MATERIAL.....	--	29,613	--	29,613	--	---
QUICKSTRIKE.....	--	29,852	--	---	--	-29,852
QUICKSTRIKE (BY TRANSFER).....	--	---	--	(37,735)	--	(-37,735)
FLEET MINE SUPPORT EQUIPMENT.....	--	20,692	--	20,692	--	---
MINE NEUTRALIZATION DEVICES.....	--	2,719	--	2,719	--	---
DEFENSE NUCLEAR AGENCY MATERIAL.....	--	7,435	--	7,435	--	---
SHIPBOARD EXPENDABLE COUNTERMEASURES.....	--	18,264	--	18,264	--	---
GENERAL REDUCTION.....	--	---	--	-60,000	--	-60,000
TOTAL, ORDNANCE SUPPORT EQUIPMENT.....		1,259,820		1,143,335		-116,485
CIVIL ENGINEERING SUPPORT EQUIPMENT						
PASSENGER CARRYING VEHICLES.....	810	10,925	--	---	-810	-10,925
TRUCKS.....	2,639	30,335	--	---	-2,639	-30,335
TRAILERS.....	326	4,811	--	---	-326	-4,811
CRUSH, MIX, BATCH, PAVE EQUIPMENT.....	--	4,987	--	4,987	--	---
DRILLING AND BLASTING EQUIPMENT.....	--	3,094	--	3,094	--	---
EARTH MOVING EQUIPMENT.....	300	11,244	300	11,244	--	---
LIGHTING AND POWER GENERATING EQUIP.....	--	2,415	--	2,415	--	---
MISC CONSTRUCTION AND MAINTENANCE EQUIP.....	--	5,957	--	5,957	--	---
FIRE FIGHTING EQUIPMENT.....	60	4,680	60	4,680	--	---
WEIGHT HANDLING EQUIPMENT.....	82	13,210	82	13,210	--	---
AMPHIBIOUS EQUIPMENT.....	--	32,987	--	32,987	--	---
AMPHIBIOUS EQUIPMENT (BY TRANSFER).....	--	---	--	(13,977)	--	(-13,977)
COMBAT CONSTRUCTION SUPPORT EQUIPMENT.....	--	9,296	--	9,296	--	---
MOBILE UTILITIES SUPPORT EQUIPMENT.....	--	2,152	--	2,152	--	---
COLLATERAL EQUIPMENT.....	--	2,284	--	2,284	--	---
OCEAN CONSTRUCTION EQUIPMENT.....	--	1,318	--	1,318	--	---
FLEET MOORINGS.....	--	4,460	--	4,460	--	---
POLLUTION CONTROL EQUIPMENT.....	--	1,932	--	1,932	--	---
OTHER CIVIL ENG SUPPORT EQUIPMENT.....	--	2,625	--	2,625	--	---
FLEET HOSPITALS.....	4	110,548	4	18,748	--	-91,800
TOTAL, CIVIL ENGINEERING SUPPORT EQUIPMENT.....		267,260		121,389		-145,871
SUPPLY SUPPORT EQUIPMENT						
FORKLIFT TRUCKS.....	392	9,518	392	9,518	--	---
OTHER MATERIALS HANDLING EQUIPMENT.....	--	3,290	--	3,290	--	---
AUTOMATED MATERIALS HANDLING SYSTEMS.....	--	23,783	--	13,383	--	-10,400
OTHER SUPPLY SUPPORT EQUIPMENT.....	--	9,023	--	9,023	--	---
SPECIAL PURPOSE SUPPLY SYSTEMS.....	--	36,609	--	36,609	--	---
TOTAL, SUPPLY SUPPORT EQUIPMENT.....		82,223		71,823		-10,400
PERSONNEL AND COMMAND SUPPORT EQUIPMENT						
TRAINING DEVICES						
SURFACE SONAR TRAINERS.....	--	33,368	--	33,368	--	---
SUBMARINE SONAR TRAINERS.....	--	8,546	--	8,546	--	---
SURFACE COMBAT SYSTEM TRAINERS.....	--	25,487	--	25,487	--	---
SUBMARINE COMBAT SYSTEM TRAINERS.....	--	30,319	--	30,319	--	---
MIP SYSTEM TRAINERS.....	--	16,217	--	16,217	--	---
TRAINING SUPPORT EQUIP.....	--	12,632	--	7,532	--	-5,100
TRAINING DEVICE MODIFICATIONS.....	--	3,340	--	3,340	--	---

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
COMMAND SUPPORT EQUIPMENT:						
COMMAND SUPPORT EQUIPMENT.....	--	14,540	--	10,640	--	-3,900
EDUCATION SUPPORT EQUIPMENT.....	--	4,966	--	4,966	--	---
MEDICAL SUPPORT EQUIPMENT.....	--	25,085	--	25,085	--	---
INTELLIGENCE SUPPORT EQUIPMENT.....	--	52,823	--	50,239	--	-2,584
ITEMS UNDER 9000.....	--	1,052	--	1,032	--	---
OPERATING FORCES SUPPORT EQUIPMENT.....	--	21,331	--	21,331	--	---
NAVAL RESERVE SUPPORT EQUIPMENT.....	--	4,992	--	---	--	-4,992
OCEANOGRAPHIC SUPPORT EQUIPMENT.....	--	25,592	--	20,200	--	-5,392
PHYSICAL SECURITY EQUIPMENT.....	--	31,087	--	31,087	--	---
COMPUTER ACQUISITION PROGRAM						
COMPUTER ACQUISITION PROGRAM.....	--	221,279	--	169,079	--	-52,200
PRODUCTIVITY PROGRAMS						
PRODUCTIVITY INVESTMENT FUND (PIF).....	--	20,245	--	20,245	--	---
PROD ENHANCING INCENTIVE FUND (PEIF).....	--	3,414	--	3,414	--	---
TOTAL, PERSONNEL AND COMMAND SUPPORT EQUIPMENT.....		555,295		482,127		-73,168
SPPRES & REPAIR PARTS						
SPPRES AND REPAIR PARTS.....	--	323,892	--	294,589	--	-29,303
PRIOR YEAR PROGRAM SAVINGS						
PRIOR YEAR PROGRAM SAVINGS (BY TRANSFER).....	--	---	--	-19,419	--	-19,419
PRIOR YEAR PROGRAM SAVINGS (BY TRANSFER).....	--	---	--	(14,419)	--	(-14,419)
PRIOR YEAR PROGRAM SAVINGS (BY TRANSFER).....	--	---	--	(5,000)	--	(-5,000)
INFLATION SAVINGS, FY87.....	--	---	--	-59,600	--	-59,600
TOTAL, OTHER PROCUREMENT, NAVY.....		6,538,800		5,492,535		-1,046,265
TRANSFER FROM OTHER ACCOUNTS.....		---		(95,413)		(-95,413)
TOTAL FUNDING AVAILABLE.....		6,538,800		5,587,928		-950,872

COMMITTEE RECOMMENDATIONS

AUTHORIZATION CHANGES

The Committee recommends the following changes in the budget estimate, in accordance with authorization action:

(In thousands of dollars)

	Budget request	Committee recommended	Change from request
Sealift support equipment.....	58,277	70,277	+12,000
AN/SQR-17 acoustic processor.....	7,829	16,379	+9,100
AN/BLD-1 (interferometer).....		16,800	+16,800
TRITAC CRYPTO.....	28,414	26,414	-2,000
General purpose bombs.....	126,929	37,129	-89,800
Walleye.....	35,293		-35,293
Zuni rocket.....	26,271	8,271	-18,000
Machine gun ammunition.....	21,180	20,680	-500
Practice bombs.....	30,678	25,478	-5,200
Airborne expendable countermeasures.....	40,852	31,252	-9,600
JATOS.....	2,621	2,021	-600
Gator.....	42,585		-42,585
MX-92 CORT.....		54,000	+54,000
Passenger carrying vehicles.....	10,925		-10,925

(In thousands of dollars)

	Budget request	Committee recommended	Change from request
Trucks	38,335		- 38,335
Trailers	4,811		- 4,811
Automated materials handling systems	23,783	13,383	- 10,400
Training support equipment	12,632	7,532	- 5,100
Command support equipment	14,540	10,640	- 3,900
Naval Reserve support equipment	4,992		- 4,992
Oceanographic support equipment	25,592	20,200	- 5,392
Computer Acquisition program	221,279	169,079	- 52,200

SHIP SUPPORT EQUIPMENT

LM 2500 GAS TURBINE

The Navy budgeted \$22,351,000 for the LM 2500 Gas Turbine program. The Committee recommends \$9,000,000, a reduction of \$13,351,000 from the request, and use of \$1,000,000 in unobligated fiscal year 1986 appropriations to fund part of the fiscal year 1987 program for this line item. The fiscal year 1986 savings were achieved in the modification kit element of the program. The recommendation is based on the excessive use of this line item as a source for reprogramming in recent years.

STEAM PROPULSION IMPROVEMENT PROGRAM

The Navy budgeted \$11,766,000 for the Steam Propulsion Improvement program. The Committee recommends \$6,470,000, a reduction of \$5,296,000 from the request. The recommendation keeps program funding at about the fiscal year 1986 level. It is based on the excessive use of this line item as a source for reprogramming in recent years.

OTHER PROPULSION EQUIPMENT

The Navy budgeted \$27,249,000 for the Other Propulsion Equipment program. The Committee recommends \$26,251,000, a reduction of \$998,000 from the request, and use of \$81,000 in unobligated fiscal year 1986 appropriations to fund part of the fiscal year 1987 program for this item. The recommendation is based on fiscal year 1986 contract savings in fiscal year 1986 and lowered requirements in fiscal year 1987.

SEALIFT SUPPORT EQUIPMENT

The Navy budgeted \$58,277,000 for the Sealift Support Equipment program. The Committee recommends \$70,277,000, the authorized level, an increase of \$12,000,000 to the request. Of the recommended amount \$45,000,000 is provided specifically for procurement of 350 Seashed Systems.

In the past, the Committee has experienced breakdowns in communication with the Navy with regard to its intended funding levels for this program. To avert the possibility of such a breakdown in the future, and to ensure that the Navy has the clearest

picture of its intent for fiscal year 1987, the Committee is specifically earmarking appropriation amounts for this item in the language of the Defense Appropriations Act of 1987.

The Committee further identifies this item as a matter of Committee interest. No reprogrammings or distributions of general reductions shall be applied to this item without prior notice to the Committee.

NAVAL SPECIAL WARFARE EQUIPMENT

The Navy budgeted \$31,707,000 for the Naval Special Warfare Equipment. The Committee recommends \$25,051,000, a reduction for \$6,565,000 from the request. The reduction is based on program delays.

COMMUNICATIONS AND ELECTRONICS EQUIPMENT

INTEGRATED AUTOMATIC DETECTION AND TRACKING SYSTEM AN/SYS-()

The Navy budgeted \$13,725,000 for the Integrated Automatic Detection and Tracking System AN/SYS-(). The Committee recommends \$13,594,000, a reduction of \$131,000 from the request, and use of \$60,000 in fiscal year 1985 and \$71,000 in fiscal year 1986 unobligated appropriations to fund part of the fiscal year 1987 request for this line item. These savings are due to downward adjustments in program requirements in prior years.

AN/SQS-53 (B)

The Navy budgeted \$25,086,000 for the AN/SQS-53(B) program. The Committee recommends \$24,822,000, a reduction of \$264,000. The recommendation is based on lower than previously anticipated unit costs.

SONAR SWITCHES AND TRANSDUCERS

The Navy budgeted \$36,470,000 for Sonar Switches and Transducers. The Committee recommends \$25,833,000, a reduction of \$10,637,000 from the request, and use of \$34,000 in fiscal year 1985 and \$9,453,000 in fiscal year 1986 unobligated appropriations to fund part of the fiscal year 1987 program for this line item. The recommendation is based on reduced unit costs for transducers and a deferred procurement plan for the electric scanning switch.

AN/SLQ-25 (NIXIE)

The Navy requested \$9,359,000 to procure 27 AN/SLQ-25 systems. Because of the delays associated with the awarding of the fiscal year 1985 and 1986 contracts and the requirements for first article testing and evaluation, the Committee recommends that the funding request for the AN/SLQ-25 be denied without prejudice. The budget authority recommendation represents a reduction of \$9,359,000 for the budget request.

AN/SQR-17 ACOUSTIC PROCESSORS

The Navy requested \$7,829,000 to procure eight SQR-17 systems. In accordance with authorization action which recognizes the current shortfall in the SQR-17 inventory, the Committee recommends \$16,929,000 to procure 20 SQR-17 systems. Because of the timeframes associated with the award of prior year contracts, the Committee will monitor this program closely and expects the Navy to proceed in an expeditious manner. Any changes in procurement strategy should not be made without the Committee's approval since this item is of special interest.

Additionally, the Committee is concerned that the Navy has decided to forego further procurement of the AN/ARR-75 receiver for our surface antisubmarine warfare ships (ASW). Systems similar to this receiver are currently being jerry-built by our surface fleet which is inappropriate particularly since systems such as the ARR-75 have provided additional capabilities to our surface fleet. The Committee directs the Navy to use contract savings (including prior year) associated with the economic procurement of the SQR-17 to procure the relatively low cost ARR-75 receiver. The Committee also expects the Navy to submit a funding plan which assures that all ASW surface ships (FFG's and DD-963's) will be equipped with this system.

The Committee's recommendation represents an increase of \$9,100,000 to the budget request.

AN/SQR-18 TOWED ARRAY SONAR

The Navy requested \$28,721,000 to procure AN/SQR-18 systems. The Navy's request fails to fully reflect prior year contract savings. Accordingly, the Committee recommends a total of \$24,708,000 for the SQR-18, consisting of \$23,598,000 in new obligational authority and \$1,110,000 in prior year unobligated SQR-18 funds transferred forward to fiscal year 1987. The Committee directs that none of the SQR-18 be obligated until the towed array and shipboard electronics are awarded on a competitive basis. The budget authority recommendation represents a reduction of \$5,123,000 from the budget request.

AN/SQR-19 TOWED ARRAY SONAR

The Navy requested \$112,414,000 to procure 10 AN/SQR-19 towed array systems. Last year, the Committee directed that prior to the obligation AN/SQR-19 funds the Navy was to compete the fiscal year 1986 procurement of the AN/SQR-19 towed array sonar system. The Committee closely monitored this program during the course of the year and found that the Navy awarded the fiscal year 1986 contract without proper notification to the appropriate members of the Committee. Accordingly, the Committee denies the funding request for the AN/SQR-19 towed array sonar which represents a reduction of \$112,414,000 from the budget request.

CARRIER ASW MODULE

The Navy budgeted \$27,894,000 for the Carrier ASW Module program. The Committee recommends \$27,124,000, a reduction of

\$770,000 from the request, and use of \$310,000 in unobligated fiscal year 1986 appropriations to fund part of the fiscal year 1987 request for this line item. The recommendation is based on contract savings in fiscal year 1986 and on lower than anticipated unit costs for fiscal year 1987.

OUTBOARD

The Navy budgeted \$26,063,000 for the Outboard Program. The Committee recommends \$24,803,000, a reduction of \$1,260,000 from the request, and use of \$1,260,000 in unobligated fiscal year 1986 appropriations to fund part of the fiscal year 1987 program.

According to information provided to the Committee by the General Accounting Office, \$1,260,000 of the \$34,598,000 already appropriated in fiscal year 1986 for the classified OUTBOARD program is no longer required. The Committee is therefore recommending that these funds be transferred forward and a proportionate reduction be made in the fiscal year 1987 request.

NAVY TACTICAL DATA SYSTEM

The Navy budgeted \$104,681,000 for the Navy Tactical Data System. The Committee recommends \$103,301,000, a reduction of \$1,380,000 from the request, and use of \$1,380,000 in unobligated fiscal year 1986 appropriations to fund part of the fiscal year 1987 request for this line item. The recommendation is based on procurement of fewer computer sets than anticipated.

AUTOMATIC CARRIER LANDING SYSTEM

The Navy budgeted \$23,092,000 for the Automatic Carrier Landing System. The Committee recommends denial of this request. Further procurement of this system should not proceed until tests of availability and mean time between failure or completed automatic landing rates indicate that such procurement is warranted.

MICROWAVE LANDING SYSTEM

The Navy budgeted \$6,146,000 for the Microwave Landing System. The Committee recommends denial of this request because the program has been delayed for over a year.

FLEET AREA CONTROL AND SURVEILLANCE FACILITIES

The Navy budgeted \$22,098,000 for the Fleet Area Control and Surveillance Facilities program. The Committee recommends \$21,086,000, a reduction of \$1,012,000 from the request, and use of \$1,012,000 in unobligated fiscal year 1986 appropriations to fund part of the fiscal year 1987 request for this line item. This recommendation is based on lower than anticipated program requirements for fiscal year 1986.

NAVAL SPACE SURVEILLANCE SYSTEM

The Navy budgeted \$3,053,000 for the Naval Space Surveillance System. The Committee recommends denial of the request.

In fiscal year 1987, a total of \$24,454,000 is requested in three different appropriations for the Naval Space Surveillance System. This represents a net increase of \$4,194,000 over fiscal year 1986 levels, with the most significant portion of the increase being requested for a new start for modernization of transmitters and receiver field stations. The remaining portion of the increase is for such miscellaneous items as technical reports, software documentation, and personnel increases.

While the Committee has no specific objection to modernization of Naval Space Surveillance System equipment, the Committee believes that such efforts may be deferred until fiscal year 1988 or beyond and is therefore recommending reductions of \$2,315,000 in Operation and Maintenance, Navy, \$3,053,000 in Other Procurement, Navy, and \$663,000 in RDT&E, Navy.

RELOCATABLE OVER-THE-HORIZON RADAR (ROTHR)

The Navy budgeted \$2,270,000 for the Relocatable Over-the-Horizon Radar, and an additional \$7,803,000 for spares and repair parts. The Committee recommends denial of the request.

As addressed elsewhere in this report, a total reduction of \$10,073,000 in ROTH is recommended for this program.

SHORE LF/VLF COMMUNICATIONS

The Navy budgeted \$17,781,000 for the Shore LF/VLF Communications program. The Committee recommends \$15,329,000, a reduction of \$2,452,000 from the request, and use of \$2,452,000 in unobligated fiscal year 1986 appropriations to fund part of the fiscal year 1987 request for this line item. The recommendation is based on lower than anticipated program requirements for fiscal year 1986.

TSEC/KG-84

The Navy budgeted \$27,871,000 for the TSEC/KG-84 program. The Committee recommends \$49,371,000, an increase of \$21,500,000 to the request, subject to authorizing legislation.

AVIATION SUPPORT EQUIPMENT

SONOBUOY PROCUREMENT

To its credit, the Navy has followed a sonobuoy development and procurement strategy under which several contractors are qualified to produce each variety. This strategy maintains a competitive procurement environment and simultaneously provides a rapid mobilization surge capability. In recent years, however, it appears to have become counterproductive. In order to keep all qualified vendors in business, uneconomic procurement quantities are often awarded. This drives up unit costs and wipes out the cost savings which competition is intended to produce. It appears that in many cases, awarding contracts to only two contractors in a given year would result in significantly less costly procurements. Such an approach should have only minimal impact on the mobilization base since all qualified producers could compete in a following year. The Committee requests the Navy to carefully examine its procurement

strategy with these concerns in mind. The Navy is directed to submit a report to the Committee justifying its proposed approach in fiscal year 1987 prior to obligating any procurement funds.

SSQ-53 DIFAR SONOBUOY

The Navy budgeted \$100,583,000 for procurement of 273,615 SSQ-53 DIFAR sonobuoys. The budget assumed that fiscal year 1987 would be the initial procurement of an improved version of this sonobuoy called the SSQ-53D. However, the SSQ-53D will not be ready for competitive procurement until fiscal year 1988. The Committee believes that the Navy should therefore continue to procure the SSQ-53C in fiscal year 1987. Such an approach will cost \$2,100,000 less than that assumed in the budget. The Committee recommends \$98,483,000, a reduction of \$2,100,000.

SSQ-77 VLAD SONOBUOY

The Navy budgeted \$61,388,000 for procurement of 85,800 SSQ-77 VLAD sonobuoys. The Navy recently reprogrammed some fiscal year 1986 SSQ-77 funds as a result of contract savings. Projecting those savings into fiscal year 1987 produces savings of \$12,588,000. The Committee therefore recommends \$48,800,000.

LOW COST SONOBUOY

The Navy budgeted \$26,569,000 for procurement of 490,000 low cost sonobuoys. Last year \$46,030,000 was appropriated for initial procurement of this item. Technical difficulties and other program delays will likely slip the award of the fiscal year 1986 initial contract into fiscal year 1987. Therefore, the Committee recommends no new funding in fiscal year 1987, a reduction of \$26,569,000.

ROCKEYE

The Navy budgeted \$8,875,000 for Rockeye cluster bomb procurement. The budget was specifically for procurement of the FMU-140 fuze. The first funding for this fuze was appropriated in fiscal year 1986. A series of technical problems and testing delays have caused a slip in awarding the initial contract to fiscal year 1987. Therefore, the Committee recommends no new funding in fiscal year 1987, a reduction of \$8,875,000.

BiGEYE

The Navy budgeted \$28,533,000 for procurement of the Bigeye binary chemical bomb. Since testing of the Bigeye continues well into fiscal year 1987, and since there are no production facilities to make this bomb, the Committee recommends no procurement funding in fiscal year 1987. The Committee notes, however, that with the recent submission of the report required by Section 1411(d) of P.L. 99-145 (Department of Defense Authorization Act 1986, as amended), the \$98,300,000 appropriated last year for Bigeye production facilities will soon be available for obligation.

WEAPONS RANGE SUPPORT EQUIPMENT

The Navy budgeted \$46,431,000 for the Weapons Range Support Equipment program. The Committee recommends \$43,431,000, a reduction of \$3,000,000 from the request, and use of \$3,000,000 in unobligated fiscal year 1986 appropriations to fund part of the fiscal year 1987 request for this item. The recommendation is based on lower than anticipated program requirements for fiscal year 1986.

AIRCRAFT REARMING EQUIPMENT

The Navy budgeted \$38,830,000 for the Aircraft Rearming Equipment program. The Committee recommends \$35,771,000, a reduction of \$3,059,000 from the request, and use of \$3,059,000 in unobligated fiscal year 1986 appropriations to fund part of the fiscal year 1987 request for this line item.

AIRBORNE MINE COUNTERMEASURES

The Navy budgeted \$32,304,000 for the Airborne Mine Countermeasures program. The Committee recommends \$19,821,000, a reduction of \$12,483,000 from the request. The recommendation is based on a Navy decision subsequent to the fiscal year 1987 budget submission not to procure 10 ALQ-141 sonar units that were originally included in the fiscal year 1987 request.

LAMPS MK-III SHIPBOARD EQUIPMENT

The Navy budgeted \$34,993,000 for the LAMPS MK-III Shipboard Equipment program. The Committee recommends \$31,003,000, a reduction of \$3,990,000 from the request. The recommendation is based on excess inventory of helicopter landing systems which were budgeted for procurement in fiscal year 1987.

ORDNANCE SUPPORT EQUIPMENT**FIVE INCH/54 AMMUNITION**

The Navy budgeted \$75,825,000 for 5 Inch/54 ship gun ammunition procurement. The General Accounting Office has reported that \$15,800,000 for puff projectiles and \$3,900,000 for BLGP projectiles are budgeted in excess of the most recent usage requirement calculations. The Committee recommends a reduction of \$19,700,000. The Committee recommends an additional reduction of \$14,400,000 for HI-FRAG cartridges and prop charges because of problems in manufacturing a component for the complete round. In all, the Committee recommends \$41,725,000 for 5 Inch/54 ammunition, a reduction of \$34,100,000.

CLOSE-IN WEAPON SYSTEM AMMUNITION

The Navy budgeted \$41,814,000 for Close-In Weapon System (CIWS) ammunition. The General Accounting Office has reported that the Navy overstated its usage requirement and therefore overbudgeted by \$6,500,000. The Committee recommends \$35,314,000 for CIWS ammunition, a reduction of \$6,500,000.

OTHER SHIP GUN AMMUNITION

The Navy budgeted \$25,990,000 for other ship gun ammunition. The General Accounting Office has reported that the Navy overestimated its usage requirement and therefore overbudgeted by \$6,900,000. The Committee recommends \$19,090,000, a reduction of \$6,900,000.

MK-92 FIRE CONTROL SYSTEM UPGRADE—CORT

The Navy did not request funds for the MK-92 CORT upgrade. Last year the Appropriations Conference report directed the Navy to obligate \$54,000,000 for six CORT kits as an option to the FFG-61 contract. The Committee is very concerned that the Navy has not followed Congressional direction by exercising this option and reiterates its direction to the Navy to obligate funds for six CORT kits in fiscal year 1986. In addition, the Committee recommends \$54,000,000 in accordance with authorization action for an additional six MK-92 CORT systems. The Committee's recommendation represents an increase of \$54,000,000 from the budget request.

VERTICAL LAUNCH SYSTEM

The Navy budgeted \$137,767,000 for the Vertical Launch System program. The Committee recommends \$131,339,000, a reduction of \$6,428,000 from the request. The recommendation is based on lower than anticipated unit costs.

MK-116 FIRE CONTROL SYSTEM

The Navy requested \$40,929,000 for the MK-116 fire control system. Included in this request is \$26,705,000 for the SQQ-89 on-board trainer. Because of the delays in awarding the fiscal year 1985 contract and the Navy's deletion of the fiscal year 1986 Other Procurement trainer requirements, the Committee believes that the remaining number of units to be procured constitute a sufficient quantity for second sourcing. Since the drawing/reprocurement package will be available in the fiscal year 1986 timeframe, the opportunity to increase competition is available at this time. Accordingly, the Committee recommends a total of \$14,224,000 for the MK-116 fire control system and that the funding request for the SQQ-89 on-board trainer be denied. The Committee directs the Navy use the fiscal year 1987 funds to prepare a second source for qualification in order to execute a dual source award for fiscal year 1988.

AN/SQQ-89 ACOUSTIC VIDEO PROCESSOR

In reports accompanying the Defense Appropriations Bills for fiscal year 1985 and 1986, the Congress directed the Navy to establish a lower cost second source acoustic video generator alternative in an effort to reduce the overall cost of the AN/SQQ-89 ASW combat suite. The Committee has been completely dissatisfied with the progress shown to date and with the direction being taken in some instances. In view of the support this particular competition effort has received from the Congress, the Competition Advocate,

and the Secretary of the Navy as set forth in the hearings, it is difficult for the Committee to excuse the continued delays.

The Committee believes that progress in other related system hardware can be stymied by the lack of progress in the Acoustic Video Processor (AVP). This competition must be expedited. A successful competition in this area and the total SQQ-89 suite serve as a model for competing other presently sole source components of the AN/UYQ-21 Standard Navy Tactical Display System.

The Committee is disturbed by the Navy's lack of consistency in acquisition strategy for the remaining components of the UYK-21 system. It appears that the Navy will continue the dominant position of the present sole source supplier to a degree that is not consistent with the position of the Congress and the Secretary of the Navy favoring competition. Additionally, the Navy's approach appears to prolong the use of obsolete 1970's technology and fails to properly take advantage of modern signal processing and color graphics displays. The Committee believes that there is an adequate industrial base capable of providing low risk advanced technology for the components of this system. Competition would be enhanced by upgrading the technology, giving the government the twin benefits of lower cost through competition and improved operational capability through updated technology.

QUICKSTRIKE MINE

The Navy requested \$29,852,000 for the Quickstrike mine program. Last year, the Committee expressed its concern over the continued delays in executing the fiscal year 1985 Quickstrike program. The fiscal year 1986 program is currently in the competitive process which the Committee supports. The Committee, however, believes it is important to complete this process in a timely fashion. Because of the delays associated with the fiscal year 1986 contract award, the Committee recommends a total of \$37,735,000 for the Quickstrike program consisting of no new budget authority and \$37,735,000 in unobligated fiscal year 1986 Quickstrike funds. The budget authority recommendation represents a reduction of \$29,852,000 from the budget request.

CIVIL ENGINEERING SUPPORT EQUIPMENT

AMPHIBIOUS EQUIPMENT

The Navy requested \$32,987,000 for amphibious support equipment. Last year, this account included \$13,977,000 for the off-shore petroleum distribution system. For reasons that were discussed in the Other Procurement, Army section of this report, the Committee recommends a total of \$46,964,000 consisting of \$32,987,000 in new obligational authority and \$13,977,000 in unobligated fiscal year 1986 amphibious support equipment funds. The budget authority recommendation represents no change to the budget request.

FLEET HOSPITALS

The Navy budgeted \$110,548,000 for Fleet Hospitals. The Committee recommends \$18,748,000, a reduction of \$91,800,000 from the

request. This recommendation is discussed under the "Military Health Care" heading in the Operation and Maintenance section of this report.

PERSONNEL AND COMMAND SUPPORT EQUIPMENT

NAVY ADP

The Navy budgeted \$221,279,000 for procurement of general purpose computer equipment in fiscal year 1987. The Committee recommends a reduction of \$52,200,000 corresponding to the authorized levels for this account. The reduction should be distributed as follows:

[In millions of dollars]

Stock Point Logistics Integrated Communications Environment (SPLICE)	-\$13.8
Naval Air Command MIS (NALCOMIS)	-13.9
Bases and Stations Information System (BASIS)	-2.8
Trident Logistics Data System	-1.6
Shipyear/Ordnance Eclectic System (SHORES)	-11.5
Undistributed	-8.6
Total	-52.2

The Committee recommends that no funds in either procurement or operation and maintenance be provided for SPLICE installations in fiscal year 1987. This initiative, whose life cycle cost exceeds \$256,000,000, is long overdue for an oversight review by the Office of the Secretary of Defense. Remaining SPLICE funds can be used to justify the program to OSD, maintain systems already in place, and for program management.

The Committee is concerned that the NALCOMIS program schedule does not allow sufficient time for evaluation and correction of potential deficiencies disclosed by testing. In view of the significant investment made by Congress in this initiative, the Committee wants assurances that NALCOMIS works before it is deployed worldwide. The Committee directed that the Office of the Secretary of Defense conduct an oversight review of NALCOMIS in fiscal year 1986, but it has not been informed of the results of the review. Fiscal year 1987 funding for deployment of NALCOMIS systems is denied by the Committee, other than for aircraft carriers scheduled for NALCOMIS equipment in fiscal year 1987.

The Trident Logistics Data System, whose life cycle cost exceeds \$478,000,000, begs for an oversight review by the Office of the Secretary of Defense. The Trident is the only class of ship that has a dedicated stock point for supply support. The General Accounting Office reports that justification for a separate Trident stock point computer at Kings Bay, Georgia, based on workload, would be suspect. At most, the computer would need to support one squadron of submarines. At the rate Tridents are built, the computer would serve no more than three ships at one time before being replaced under the Stock Point ADP Replacement (SPAR) project. The Committee recommends that no funds be provided.

The Navy provided a fact sheet to the Committee indicating that the life cycle cost of SHORES would be between \$48,000,000 and \$1,200,000,000. This much uncertainty in the cost estimate, coupled with the lack of proper OSD oversight review, makes the funding

request in fiscal year 1987 premature. The Committee recommends no funds for this purpose.

Finally, the Navy testified that the life cycle cost for BASIS would be under \$100,000,000 and therefore it would be exempt from OSD oversight. However, the Committee's Surveys and Investigations staff reports that internal Navy records indicate that BASIS will cost at least \$193,000,000 million. The Committee feels that BASIS should be a special interest item, to be formally reviewed and approved by the Comptroller of the Defense Department prior to significant expenditure of funds. The Committee therefore recommends that no funds be appropriated for BASIS in fiscal year 1987.

The Committee directs the Comptroller of the Defense Department to review and approve the requirements determination, economic analyses, acquisition strategy, and implementation plans for these systems through a formal oversight review for each of the above named systems in fiscal year 1987. In summary the Committee recommends \$169,079,000, a reduction of \$52,200,000.

SPARES AND REPAIR PARTS

The Navy budgeted \$323,892,000 for Spares and Repair Parts, the Committee recommends \$294,589,000, a reduction of \$29,303,000 from the request corresponding to program reductions in the Committee recommendations.

PRIOR YEAR SAVINGS

The Committee recommends a reduction of \$19,419,000 for Other Procurement, Navy to be offset by use of \$14,419,000 in fiscal year 1986 and \$5,000,000 in fiscal year 1985 unobligated appropriations to fund part of the fiscal year 1987 Other Procurement, Navy request. These prior year savings are not needed to fund fiscal year 1987 requirements under their respective line items. They include:

	Fiscal year—		Total
	1986	1985	
AN/BRD-7/8/9.....	\$12,148,000		\$12,148,000
Ashore mobile contingency comm system vans.....	1,679,000		1,679,000
PLRS (KG-58/KGV-6).....	592,000		592,000
ICAD.....		\$5,000,000	5,000,000
	14,419,000	5,000,000	19,419,000

GENERAL REDUCTION

The Committee recommends a general reduction of \$200,000,000 to be distributed among budget activities under this appropriation as follows:

Ship support equipment	\$50,000,000
Communications and electronic equipment.....	90,000,000
Ordnance support equipment	60,000,000
	200,000,000

In recent years the Navy has budgeted program levels under this appropriation, which it has been unable to execute according to its own plans. In fiscal year 1985, for instance, the error for the projected unobligated balances amounted to about \$815 million that the Navy failed to obligate according to its plan. The Committee urges the Navy to base future budget requests on more realistic projections.

INFLATION ADJUSTMENT

As discussed in the beginning of the Procurement section of this report, the Committee recommends an inflation adjustment of \$59,600,000.

PROCUREMENT, MARINE CORPS

Appropriations, 1986	\$1,660,766,000
Adjusted Base, 1986.....	1,579,388,000
New obligational authority, 1987:	
Estimate.....	1,565,000,000
Recommended.....	1,444,896,000
Decrease.....	120,104,000
Total recommended in the bill.....	¹ 1,471,396,000

¹ Includes \$1,444,896,000 in new obligational authority, and in addition \$26,500,000 in prior year unobligated balances of which \$7,100,000 is to be derived by transfer from "Procurement, Marine Corps, 1985/1987", and \$19,400,000 is to be derived by transfer from "Procurement, Marine Corps, 1986/1988".

This appropriation provides the Marine Corps with funds for procurement, delivery, and modification of missiles, armament, ammunition, communication equipment, tracked and wheeled vehicles, and various support equipment.

PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 1987:

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
PROCUREMENT, MARINE CORPS						
AMMUNITION						
LIVE CHARGES:						
SMALL ARMS AMMO:						
CTC 5.56MM BALL M855	81,737	14,745	81,737	14,745	--	---
CTC 5MM BALL M83	35,758	3,794	35,758	3,794	--	---
MACHINE GUN AMMO:						
CTC 5.56MM LINKED (S&W)	8,831	2,168	8,831	2,168	--	---
CTC CAL 50 LINKED	2976,111	3,458	2976,111	3,458	--	---
CTC 25MM APDS-T M791	103,381	1,738	103,381	1,738	--	---
CTC 25MM HEI-T M792	128,000	2,524	128,000	2,524	--	---
CTC 40MM LINKED M430	1689,137	18,134	1689,137	18,134	--	---
CTC 7.62MM LINKED M80	18,155	4,000	18,155	4,000	--	---
MORTAR AMMO:						
CTC 60MM HE M858	94,777	3,403	94,777	3,403	--	---
CTC 60MM BUCKE WP M302 A1	106,916	7,520	106,916	7,520	--	---
CTC 81MM HE M821	200,329	41,400	200,329	41,400	--	---
CTC 81MM HE M829	544,689	91,767	525,671	53,084	-239,014	-38,683
CTC 81MM S&W M819	72,494	15,262	72,494	15,262	--	---
CTC 81MM ILLUM M853	278,647	57,223	278,647	57,223	--	---
GRENADES:						
GERMANS BUCKE SCREEN (IR)	44,320	3,991	44,320	3,991	--	---
GERMANS BUCKE SCREEN (RP)	71,527	3,000	71,527	3,000	--	---
SIGNAL ILLUM WP	56,633	1,320	56,633	1,320	--	---
ROCKETS:						
ROCKET 83MM (S&W)	25,274	26,245	25,274	26,245	--	---
ROCKET 5 INCH MOTOR	1,216	3,995	1,216	3,995	--	---
LIGHT ART: ARMED WEAPON AT-4	15,494	11,040	15,494	11,040	--	---
TRAINING AMMO:						
CTC 40MM TP	240,575	1,611	240,575	1,611	--	---
CTC 81MM TP M879	64,381	4,770	64,381	4,770	--	---
LINE CHARGE PRAC (TRAB)	370	3,184	370	3,184	--	---
CTC 25MM TP-T M793	309,811	3,453	309,811	3,453	--	---
ROCKET 83MM PRACTICE	13,354	11,035	13,354	11,035	--	---
CTC 5.56MM BLANK L&D (S&W)	4,858	1,078	4,858	1,078	--	---
CTC 5.56MM BLANK M200	30,988	3,427	30,988	3,427	--	---
CTC 7.62MM BLANK LINKED	11,241	2,359	11,241	2,359	--	---
155MM AMMO:						
CNC PROP 88 M203A1	76,534	19,900	76,534	19,900	--	---
PROJ 155MM ADAM-L M892	10,385	38,798	2,000	7,000	-8,385	-31,798
PROJ 155MM ADAM-S M731	10,973	40,995	2,000	7,893	-8,973	-33,102
PROJ 155MM RAMM-L M718	13,237	18,999	--	--	-13,237	-18,999
PROJ 155MM RAMM-S M741	17,179	21,997	--	--	-17,179	-21,997
PROJ 155MM HE ICH (DP1M483)	122,944	48,023	61,944	24,223	-61,000	-23,800
CHARGE PROP 155MM WHITE SAC M842	240,291	19,338	240,291	19,338	--	---
155MM PROJ COPPERHEAD	--	37,831	--	37,831	--	---
FUSES:						
FUSE MECHANICAL TIME (MT)	86,434	4,896	86,434	4,896	--	---
POINT DETONATING (PD)	--	7,997	--	7,997	--	---
AMMO MODERNIZATION						
--	--	4,194	--	4,194	--	---
OTHER SUPPORT						
ITEMS LESS THAN \$3000	--	3,331	--	3,331	--	---
GENERAL INCREASE, AMMUNITION	--	--	--	140,000	--	+140,000
TOTAL, AMMUNITION	--	508,323	--	581,944	--	+28,379
WEAPONS AND COMBAT VEHICLES						
TRACKED COMBAT VEHICLES						
AVITAL PIP	100	14,268	100	14,268	--	---
MODIFICATION KIT (TKED VEH)	--	1,005	--	1,005	--	---
BRIDGE, ARMORED VEH LAUNCHED	8	4,480	8	4,480	--	---
ARTILLERY AND OTHER WEAPONS						
POS AZIMUTH DETERN SYS (PASS)	17	5,633	--	--	-17	-5,633
R19 155MM HOWITZER	94	44,954	94	44,954	--	---
ITEMS LESS THAN \$3000 (ATL-OTR)	--	1,295	--	1,295	--	---
WEAPONS						
SWR BOUNCER	22,181	5,432	22,181	5,432	--	-900
MACHINE GUN, AUTO S&W 5.56MM	1,000	3,440	1,000	2,740	--	-700
M-16 5.56MM RIFLE	17,725	7,865	17,725	7,865	--	---
M-19 40MM MACHINE GUN	189	1,912	199	1,012	--	-900
MORTAR, MED, EXTENDED RANGE	350	7,447	350	5,267	-100	-2,200
TOTAL, WEAPONS AND COMBAT VEHICLES	--	97,751	--	87,419	--	-10,332

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
GUIDED MISSILES AND EQUIPMENT						
GUIDED MISSILES						
HAWK.....	430	115,372	430	115,372	--	---
HAWK MOD.....	--	24,269	--	24,269	--	---
STINGER.....	1,442	69,284	1,442	69,284	--	---
TOW.....	3,400	33,524	3,400	32,324	--	-1,200
OTHER SUPPORT						
MODIFICATION KITS.....	--	744	--	744	--	---
TOTAL, GUIDED MISSILES AND EQUIPMENT.....		243,193		241,993		-1,200
COMMUNICATIONS AND ELECTRONICS EQUIPMENT						
HAWPAC RADIOS						
HAWPAC RADIOS AND EQUIP.....	--	2,662	--	2,662	--	---
VEHICLE MOUNTED RADIOS AND EQUIPMENT						
VEHICLE MTD RADIOS & EQUIPMENT.....	--	1,482	--	1,482	--	---
TELEPHONE AND TELETYPE EQUIPMENT						
UNIT LEVEL CIRCUIT SWITCH (ULCS).....	--	74,199	--	74,199	--	---
ULCS LIFE CYCLE SUPPORT.....	--	8,035	--	8,035	--	---
TACT COMM CENTER EQUIP.....	13	199	13	199	--	---
AN/PSG 1 DIGITAL COMM TERMINAL.....	472	15,174	472	15,174	--	---
REPAIR AND TEST EQUIPMENT						
AUTO TEST EQUIP SYS.....	51	6,145	51	6,145	--	---
CALIBRATION FACILITY ELECTRONIC.....	--	9,630	--	9,630	--	---
MAINTENANCE COMPLEX, ELECTRONIC.....	--	10,599	--	10,599	--	---
ELECTRONIC TEST EQUIP (TEL).....	10	2,708	10	2,708	--	---
OTHER COMM/ELEC EQUIPMENT						
ADMT/TACTERN.....	75	2,681	75	2,681	--	---
OTHER SUPPORT (TEL)						
TEST CALIB & MAINT SPT.....	--	1,638	--	1,638	--	---
MODIFICATION KITS (TEL).....	1	3,690	1	3,690	--	---
ITEMS LESS THAN \$900K (TEL).....	--	811	--	811	--	---
COMMAND & CONTROL SYSTEMS (NON-TEL)						
TACTICAL AIR OPER MODULE (TAOM).....	7	50,458	7	50,458	--	---
AN/UHQ 4 SEMI AUTO DIRECT AIR SUPPORT CENTRAL.....	--	6,310	--	6,310	--	---
INTELL/COMM EQUIPMENT (NON-TEL)						
MOBILE EW SUP SYS (NEWSSE).....	12	15,367	12	15,367	--	---
REPAIR & TEST EQUIPMENT (NON-TEL)						
ELECTRONIC TDRM REPAIR FACILITY.....	6	4,684	6	4,684	--	---
STE/ICE SIMPL TEST EQ.....	264	1,296	264	1,296	--	---
HECK TEST TDRM.....	1	2,446	1	2,446	--	---
ELECTRONIC TEST EQUIP (NONTEL).....	--	3,344	--	3,344	--	---
OTHER COMM/ELEC EQUIPMENT (NON-TEL)						
NIGHT VISION EQUIPMENT.....	--	1,927	--	1,927	--	---
ADP EQUIPMENT.....	--	46,125	--	46,125	--	---
OTHER SUPPORT (NON-TEL)						
TEST CALIB & MAINT SPT (NON-TEL).....	--	1,638	--	1,638	--	---
MODIFICATION KITS (NONTEL).....	13	4,445	13	4,445	--	---
ITEMS LESS THAN \$900K (NONTEL).....	--	970	--	970	--	---
TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT.....		278,861		278,861		---
SUPPORT VEHICLES						
ADMINISTRATIVE VEHICLES						
COMMERCIAL PASSENGER VEHICLES.....	--	2,278	--	---	--	-2,278
COMMERCIAL CARGO VEHICLES.....	1	3,814	--	---	-1	-3,814
TACTICAL VEHICLES						
5/4Y TRUCK 10000A.....	743	18,760	743	18,760	--	---
5 TON RETROFIT.....	209	5,230	209	5,230	--	---
LOGISTICS VEHICLE SYSTEM.....	1,210	103,994	800	71,394	-410	-32,600
TRAILERS, ALL TYPES.....	--	7,858	--	5,356	--	-2,502
TRAILERS, ALL TYPES (BY TRANSFER).....	--	---	--	(2,300)	--	(+2,300)
LUBE AND SERVICE UNIT 150CM.....	39	755	39	755	--	---
OTHER SUPPORT						
MODIFICATION KITS.....	--	3,194	--	3,194	--	---

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
ITEMS LESS THAN \$900K.....	--	388	--	388	--	---
TOTAL, SUPPORT VEHICLES.....		148,069		105,077		-40,992
ENGINEER AND OTHER EQUIPMENT						
ENGINEER AND EQUIPMENT						
ENVIRONMENTAL CONTROL EQ ASSORT.....		1,445		1,445		---
HEAVY RT CRANE.....	71	26,027	71	26,027		---
GRADER ROAD MOTORIZED.....	63	4,407	63	4,407		---
TRACTORS, ALL TYPES.....	--	30,090	--	30,090		---
FORKLIFTS, ALL TYPES.....	--	6,879	--	6,879		---
LAUNDRY UNIT SKID MTD.....	60	2,744	60	2,744		---
FIELD BATH SHOWER UNIT.....	100	2,431	100	2,431		---
REFRIGERATION UNIT.....	272	604	272	604		---
REV OSMOSIS/WATER PUR 600 GL.....	34	4,184	34	4,184		---
FIELD WIRING HARNESS.....	749	5,375	749	5,375		---
FUEL & WATER PUMP & STORAGE MODULE.....	--	4,880	--	4,880		---
SURVEY EQUIP P/COMST USE.....	16	924	16	924		---
WET GAP BRIDGE SYSTEM.....	158	6,190	158	6,190		---
BOAT BRIDGE.....	14	1,498	14	1,498		---
POWER EQUIPMENT ASSORTED.....	--	5,999	--	5,999		---
MOB ELECT POWER DIST SYS (NEPDIS).....	4	2,976	4	2,976		---
MATERIALS HANDLING EQUIPMENT						
COMMAND SUPPORT EQUIPMT.....	--	10,506	--	10,506		---
CARRISON MOBILE EDGR EQUIP.....	--	3,975	--	3,975		---
TELEPHONE SYSTEM.....	--	5,228	--	5,228		---
AUTO MAT HANDLING EQUIP.....	--	1,035	--	1,035		---
HMOC ITEMS.....	--	1,807	--	1,807		---
MATERIEL HANDLING EQUIP.....	--	2,309	--	2,309		---
GENERAL PROPERTY						
TRN DEVICES (AUDIO VISUAL).....	--	1,761	--	1,761		---
TRN DEVICES (SIMULATORS).....	1	5,415	1	5,415		---
SHELTER FAMILY.....	326	7,154	326	7,154		---
CONTAINER FAMILY.....	10,570	15,163	10,570	15,163		---
DECON APPARATUS PWR DRIVEN.....	18	321	18	321		---
SANITATION EQUIPMENT KITCHEN.....	78	1,252	78	1,252		---
OTHER SUPPORT						
MODIFICATION KITS.....	--	354	--	354		---
ITEMS LESS THAN \$900K.....	--	3,218	--	3,218		---
TOTAL, ENGINEER AND OTHER EQUIPMENT.....		166,129		186,129		---
SPARES & REPAIR PARTS						
SPARES & REPAIR PARTS.....	--	14,151	--	14,151		---
REPLACEMENT SPARES.....	--	10,523	--	10,523		---
TOTAL, SPARES AND REPAIR PARTS.....		24,674		24,674		---
PY PROGRAM SAVINGS.....	--	---	--	-24,200	--	-24,200
PY PROGRAM SAVINGS (BY TRANSFER).....	--	---	--	(24,200)	--	(-24,200)
INFLATION SAVINGS, FY87.....	--	---	--	-17,000	--	-17,000
TOTAL, PROCUREMENT, MARINE CORPS.....		1,565,000		1,444,896		-120,104
TRANSFER FROM OTHER ACCOUNTS.....		---		(28,500)		(-28,500)
TOTAL FUNDING AVAILABLE.....		1,565,000		1,471,396		-93,604

COMMITTEE RECOMMENDATIONS

AUTHORIZATION CHANGES

The Committee recommends the following changes in the budget estimate, in accordance with authorization action:

[in thousands of dollars]

	Budget request	Committee recommended	Change from request
9mm Handgun.....	\$5,432	\$4,532	-\$900
5.56mm SAW.....	3,440	2,740	-700
MK-19 40mm Machine Gun.....	1,912	1,012	-900
81mm Mortar.....	7,467	5,267	-2,200
TOW Missile.....	33,524	32,324	-1,200
Comm Passenger Vehicles.....	2,278		-2,278
Comm Cargo Vehicles.....	3,814		-3,814
Logistics Vehicle System.....	103,994	71,394	-32,600

AMMUNITION

The Committee recommends the following reductions in ammunition line items in conformance with recommendations made in Procurement of Ammunition, Army and/or because deliveries are beyond the funded delivery period:

[Dollars in thousands]

Item	Budget	Recommended	Change
81mm Mortar HE.....	\$133,167	\$94,484	-\$38,683
155mm ADAM.....	79,793	14,893	-64,900
155mm RAAM.....	38,996		-38,996
155mm ICM.....	48,023	24,223	-23,800

GENERAL INCREASE

The Committee recommends a general increase of \$140,000,000 for Marine Corps ammunition to bring this budget activity close to the House authorization. The Marine Corps is directed to submit to the Committee for approval the allocation of this funding, along with associated justification material.

AMMUNITION BUDGET FORMAT

In last year's report, the Committee directed the Marine Corps to submit its ammunition budget in the same breakout as that used by the Army. The Marine Corps ignored this direction. The Committee restates its direction and expects the fiscal year 1988 P-1 document to use the breakout in the table above. This breakout applies to all years in the P-1.

WEAPONS AND COMBAT VEHICLES

AAV-7A1 PRODUCT IMPROVEMENT PROGRAM

The Marine Corps budgeted \$14,268,000 for the initial procurement of AAV-7A1 product improvements. The proposed program is estimated to cost \$107,000,000 and includes three improvements: applique armor, a bowplane, and an upgunned weapons station. Testimony revealed, however, that the Marine Corps is considering at least seven additional improvements in the outyears. The Committee notes that several hundred million dollars has been spent in recent years on a major Service Life Extension Program for these vehicles. While recommending the budget request for this program, the Committee cautions the Marine Corps that it should carefully consider the cost and operational implications of any improvements beyond the first three. The Committee directs the Marine Corps to advise the Committee of its plans when the fiscal year 1988 budget is submitted.

POSITION AZIMUTH DETERMINING SYSTEM

The Marine Corps budgeted \$5,633,000 for procurement of 17 Position Azimuth Determining Systems (PADS). Last year, the Committee asked the Army, as the lead service, to prepare a position navigation master plan which showed the relationship between PADS and other less expensive alternatives. The plan has not yet been submitted. The Committee believes that until there is a uniform policy and plan, no additional PADS should be procured. In recommending no procurement funding in fiscal year 1987, the Committee notes that prior year procurements have satisfied the requirements for the active forces.

COMMUNICATIONS AND ELECTRONICS EQUIPMENT

UNIT LEVEL CIRCUIT SWITCH

The Marine Corps budgeted \$74,199,000 for procurement of the Unit Level Circuit Switch (ULCS). An additional \$8,035,000 was budgeted for ULCS life cycle support. Last year, the Committee directed that no more than four ULCS switches be procured until additional testing was undertaken. The Marine Corps has since restructured the ULCS program in apparent response to the stated concerns of the Committee. However, the extent of participation by the other services and the contractual situation resulting from a bid protest, leave the program in some uncertainty. While recommending the budgeted amount for ULCS, the Committee directs the Marine Corps to continue to keep it informed on its procurement and program plans.

SUPPORT VEHICLES

TRAILERS

The Marine Corps budgeted \$7,656,000 for procurement of trailers. In fiscal year 1986, \$2,300,000 was appropriated for procurement of the XM-1000 Heavy Equipment Trailer, a joint Army-

Marine Corps program. The Army has postponed its procurement until fiscal year 1988. Therefore, the fiscal year 1986 XM-1000 funds are no longer needed and can be transferred to offset a reduction in fiscal year 1987. The Committee recommends \$5,356,000 for trailers, a reduction of \$2,300,000 which is offset by a transfer from fiscal year 1986.

PRIOR YEAR PROGRAM SAVINGS

The Committee has learned that the following prior year funds are no longer required for the purpose for which appropriated:

[Dollars in thousands]

<i>Item</i>	<i>Amount</i>
Fiscal Year 1986:	
Meteorological Data System	\$2,700
Five Ton Truck	11,000
Battery Computer System	3,400
Subtotal	17,100
Fiscal Year 1985:	
HAWK	2,600
Modular Universal Laser Equip	2,500
Mobile Fuel Pump	2,000
Subtotal	7,100

The Committee recommends a general reduction of \$24,200,000 in Procurement, Marine Corps. The reduction is offset by prior year transfers as noted above.

INFLATION ADJUSTMENT

As discussed in the beginning of the Procurement section of this report, the Committee recommends an inflation adjustment of \$17,000,000.

AIRCRAFT PROCUREMENT, AIR FORCE

Appropriations, 1986	\$23,255,424,000
Adjusted Base, 1986	22,115,908,000
New obligational authority, 1987:	
Estimate	19,127,400,000
Recommended	16,202,251,000
Decrease	2,925,149,000
Total recommended in the bill	16,808,551,000

¹Includes \$16,202,251,000 in new obligational authority, and in addition \$606,300,000 in prior year unobligated balances to be derived by transfer of \$257,000,000 from "Aircraft Procurement, Air Force, 1986/1988", and \$349,300,000 from "Aircraft Procurement, Air Force, 1985/1987".

This appropriation provides for procurement of aircraft, and for modification of in-service aircraft to improve safety and enhance operational effectiveness. It also provides for investment spares and repair parts including spare engines, replenishment spares, and other support equipment to include aerospace ground equipment and industrial facilities. In addition, funds are provided for the procurement of flight training simulators to increase combat readiness and to provide for more economical training.

PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 1987:

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
AIRCRAFT PROCUREMENT, AIR FORCE						
COMBAT AIRCRAFT						
STRATEGIC OFFENSIVE						
TACTICAL FORCES						
AIR DEFENSE COMPETITION.....	20	296,300	20	296,300	--	---
AIR DEFENSE COMPETITION (AP-CV).....	--	114,600	--	114,600	--	---
F-15 D/E (AP-CV).....	48	1,675,400	36	1,393,800	-12	-281,600
F-15 D/E (AP-CV).....	--	219,900	--	152,200	--	-67,700
F-16 C/D (MVP).....	216	2,881,900	180	2,256,300	-36	-625,600
F-16 C/D (MVP) (AP-CV).....	--	612,000	--	462,400	--	-149,600
OTHER COMBAT AIRCRAFT						
AC-119A (ATCA) (MVP).....	8	104,400	8	89,000	--	-15,400
AC-119B GUNSHIP (AP-CV).....	--	18,200	--	---	--	-18,200
HC-130J.....	5	229,700	5	229,700	--	---
HC-130J (AP-CV).....	--	15,100	--	15,100	--	---
TOTAL, COMBAT AIRCRAFT.....		6,166,500		5,009,600		-1,156,900
AIRLIFT AIRCRAFT						
STRATEGIC AIRLIFT						
C-58.....	21	1,937,378	21	1,919,278	--	-18,100
TACTICAL AIRLIFT						
C-17.....	--	182,300	--	145,300	--	-37,000
C-17 (AP-CV).....	--	35,000	--	35,000	--	---
OTHER AIRLIFT						
VC-X.....	--	34,500	--	---	--	-34,500
TOTAL, AIRLIFT AIRCRAFT.....		2,189,178		2,099,578		-89,600
TRAINER AIRCRAFT						
UPT TRAINERS						
T-45A (NOT).....	--	---	12	124,000	+12	+124,000
T-45A (NOT) (AP-CV).....	--	---	--	27,000	--	+27,000
TOTAL, TRAINER AIRCRAFT.....		---		151,000		+151,000
OTHER AIRCRAFT						
HELICOPTERS						
MISSION SUPPORT AIRCRAFT						
CIVIL AIR PATROL A/C.....	38	1,600	38	1,600	--	---
TR-1/U-2.....	3	89,549	3	89,549	--	-5,000
TOTAL, OTHER AIRCRAFT.....		96,149		91,149		-5,000
MODIFICATION OF IN-SERVICE AIRCRAFT						
STRATEGIC AIRCRAFT						
B-52.....	--	413,400	--	397,200	--	-16,200
B-111.....	--	3,300	--	3,300	--	---
B-18.....	--	96,400	--	96,400	--	---
TACTICAL AIRCRAFT						
A-7.....	--	14,100	--	14,100	--	---
A-10.....	--	32,600	--	32,600	--	---
F/RF-4.....	--	119,400	--	119,400	--	---
F-5.....	--	5,500	--	5,500	--	---
F-15.....	--	269,000	--	103,300	--	-165,700
F-15 (BY TRANSFER).....	--	---	--	(79,700)	--	(79,700)
F-16.....	--	87,700	--	87,700	--	---
F-111.....	--	273,200	--	271,900	--	-1,300
TR-1A.....	--	9,300	--	9,300	--	---
AIRLIFT AIRCRAFT						
C-5.....	--	46,800	--	46,800	--	---
C-9.....	--	200	--	200	--	---
C-137.....	--	200	--	200	--	---
C-141.....	--	10,900	--	10,900	--	---

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
TRAINER AIRCRAFT						
T-38	--	39,500	--	39,500	--	---
T-43	--	400	--	400	--	---
OTHER AIRCRAFT						
HC-130 (ATCA)	--	8,700	--	8,700	--	---
C-130	--	212,900	--	186,500	--	-26,400
C-135	--	1,077,400	--	1,048,200	--	-29,200
F-5	--	33,500	--	33,500	--	---
F-4	--	16,000	--	16,000	--	---
H-1	--	11,200	--	11,200	--	---
H-3 AIRCRAFT SYSTEM	--	1,500	--	21,500	--	+20,000
HH-53 AIRCRAFT	--	55,300	--	268,300	--	+213,000
OTHER AIRCRAFT	--	153,300	--	153,300	--	---
OTHER MODIFICATIONS						
CLASSIFIED PROJECTS	--	91,611	--	91,611	--	-10,000
GROUND PROXIMITY WARNING SYS.	--	---	--	7,600	--	+7,600
CIVIL RESERVE AIRLIFT FLEET (CRAP)						
UNDISTRIBUTED MODS.	--	---	--	-7,300	--	-7,300
TOTAL, MODIFICATION OF INSERVICE AIRCRAFT		3,101,313		3,085,811		-15,500
AIRCRAFT SPARES AND REPAIR PARTS						
SPARES AND REPAIR PARTS	--	3,477,903	--	2,767,803	--	-710,100
AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES						
COMMON GROUND EQUIPMENT	--	323,370	--	262,670	--	-60,700
INDUSTRIAL RESPONSIVENESS	--	38,400	--	38,400	--	---
WAR CONSUMABLES	--	51,100	--	46,100	--	-5,000
OTHER PRODUCTION CHARGES	--	3,685,489	--	3,322,040	--	-363,449
OTHER PRODUCTION CHARGES (BY TRANSFER)	--	---	--	(40,300)	--	(40,300)
TOTAL, AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES		4,098,359		3,669,210		-429,149
PY PROGRAM SAVINGS						
PY PROGRAM SAVINGS (BY TRANSFER)	--	---	--	(487,300)	--	(487,300)
INFLATION SAVINGS, PYB7	--	---	--	(184,600)	--	(184,600)
TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE		19,127,400		18,202,251		-925,149
TRANSFER FROM OTHER ACCOUNTS		---		(506,300)		(506,300)
TOTAL FUNDING AVAILABLE		19,127,400		16,809,551		-2,317,849

COMMITTEE RECOMMENDATIONS

AUTHORIZATION CHANGES

The Committee recommends the following changes in the budget estimate, in accordance with authorization action:

(In thousands of dollars)

	Budget request	Committee recommended	Change from request
F-15	\$1,675,400	\$1,393,800	-\$281,600
F-15 Adv. Proc.	218,900	152,200	-66,700
AC-130H Gunship Adv. Proc.	18,200	---	-18,200
C-17	182,300	145,300	-37,000

[In thousands of dollars]

	Budget request	Committee recommended	Change from request
VC-X.....	34,500		- 34,500
T-46.....		124,000	+ 124,000
T-46 Adv. Proc.....		27,000	+ 27,000
F-111 Mod.....	273,200	271,900	- 1,300
C-130.....	212,900	186,500	- 26,400
KC-135 Mod.....	826,200	797,000	- 29,200
Classified Mods.....	91,611	81,611	- 10,000
GPWS.....		7,600	+ 7,600
H-3 Mods.....	1,500	21,500	+ 20,000
HH-53 Mods.....	55,300	268,300	+ 213,000
Common Ground Equipment.....	321,370	262,670	- 58,700

BUDGET JUSTIFICATION MATERIAL

Last year the Committee noted that Air Force aircraft and missile procurement budget justification material was of poor quality. The material submitted with the fiscal year 1987 budget to Congress was very responsive to the Committee's concerns. The Committee appreciates the extra effort that was made by both the Air Force and the Comptroller of the Defense Department to accomplish this significant improvement.

TECHNICAL DATA

The Committee has included bill language requiring that no contracts for procurement of Air Force aircraft systems or major subsystems may be awarded unless the Commander, Air Force Logistics Command or his appointed designee certifies that adequate levels of technical data are provided in such contracts. This language is intended to enforce the emphasis on obtaining adequate levels of technical and engineering data in new procurements, in order to prevent spare parts pricing abuses in the future.

COMBAT AIRCRAFT

STRATEGIC COMBAT AIRCRAFT

B-1B BOMBER

The Air Force did not request funds in fiscal year 1987 to continue production of the B-1B bomber beyond 100 aircraft. The Secretary of Defense and the Secretary of the Air Force testified before the Committee that they do not want to purchase additional B-1B aircraft. The Committee has included bill language to prevent use of appropriated funds for a Strategic Bomber Contingency Fund, as envisioned by the House Armed Services Committee, or to otherwise extend B-1B bomber production beyond 100 aircraft.

TACTICAL COMBAT AIRCRAFT

AIR DEFENSE COMPETITION

The Committee is pleased that the Air Force has budgeted for a competition for procurement of 270 aircraft for the continental air defense mission. The Committee agrees with the House Armed Services Committee that a multiyear procurement of these aircraft may result in significant savings to the Government and therefore has included bill language which allows the Air Force to proceed on this basis if it chooses to do so. Due to the unique circumstances of this competition, where one company already produces aircraft on a multiyear contract and the competitor offers commercial pricing, the Committee has set aside its normal requirement that multiyear procurement be approved with a funded cancellation ceiling liability for the initial award. The Committee does not expect this to become a precedent for future multiyear acquisitions of Defense weapon systems. The Committee further agrees with the House Armed Services report which expects the Air Force to properly fund the air defense competition cancellation ceiling liability in the fiscal year 1988 budget request to Congress. The Committee requests that the notifications required to be sent to the Armed Services Committees be provided to the Appropriations Committees as well.

F-16 AIRCRAFT

The F-16 fighter is a single-seat, high performance multipurpose aircraft powered by a single engine. It is designed for close-in air-to-air combat and to supplement other fighters in the close air support and air interdiction missions. The Air Force budgeted \$2,881,900,000 for the procurement of 216 aircraft in fiscal year 1987, \$348,700,000 for initial spares and repair parts for these aircraft, and \$612,000,000 for advance procurement of 216 aircraft in fiscal year 1988.

The Committee recommends a total reduction of \$839,000,000, as shown and explained below:

[In millions of dollars]

F-16:	
Authorization	-499.6
ASPJ	-59.5
Improved RWR	-14.4
PLSS	-52.1
Subtotal	-625.6
Initial Spares: Authorization	-64.0
Advance procurement:	
Authorization	-126.1
ALR-74	-23.3
Subtotal	-149.4
Total	-839.0

The Committee does not recommend production funds for the Airborne Self Protection Jammer (ASPJ), the improved radar warning receiver, or the Precision Location Strike System (PLSS)

adaptive targeting data link due to uncertainties in the development programs.

In summary, the Committee recommends \$2,256,300,000 for the procurement of 180 aircraft in fiscal year 1987, a reduction of \$625,600,000. The Committee also recommends \$284,700,000 for F-16 initial spares and repair parts, a reduction of \$64,000,000; and \$462,600,000 for advance procurement of 180 aircraft in fiscal year 1988, a reduction of \$149,400,000.

OTHER COMBAT AIRCRAFT

KC-10

The KC-10 is a production line DC-10 aircraft modified to conduct either air refueling and/or cargo carriage. The Air Force budgeted \$104,400,000 for the procurement of 8 aircraft in fiscal year 1987. The Committee recommends \$89,000,000, a reduction of \$15,400,000 for estimated inflation savings.

AIRLIFT AIRCRAFT

C-5B

The C-5B is a wide bodied, inter-theater aircraft that can carry the full spectrum of military air cargo. The Air Force budgeted \$1,937,378,000 for the procurement of 21 aircraft in fiscal year 1987. The Committee recommends \$1,919,278,000, a reduction of \$18,100,000 for estimated inflation savings.

C-17

The C-17 is a multiengine aircraft for inter and intra theater airlift missions, for either strategic or tactical purposes. Fiscal year 1987 is the first year proposed for C-17 procurement funding. Acquisition of a fleet of 210 aircraft at a cost of \$35,828,100,000 is envisioned. The Air Force budgeted \$182,300,000 for production non-recurring items and \$35,000,000 for advance procurement of long lead parts. The Committee recommends \$145,300,000, a reduction of \$37,000,000 as recommended by the House Armed Services Committee, and \$35,000,000 for advance procurement of 2 aircraft in fiscal year 1988.

During deliberations on the fiscal year 1987 defense budget request, the Committee became concerned about the Air Force's proposed acquisition strategy to have C-17 wing manufactured by the prime contractor. Significant cost savings may be available if C-17 wing production is competed. The Committee commends the Air Force for its recent decision to conduct a formal competition for C-17 wing production in response to the Committee's concerns.

The Committee directs the Secretary of the Air Force to report the results of the formal competition for C-17 wing production to the Committee prior to releasing fiscal year 1987 C-17 procurement or RDT&E funds to the prime contractor that would be used for production tooling, long lead parts, or other efforts related to manufacture of the wings. This restriction is not intended to affect or otherwise delay other elements of the C-17 production program. The Secretary's report should demonstrate that the Air Force's

preferred acquisition strategy for production of C-17 wings will result in the lowest total acquisition cost to the Government, including the tax implications of constructing a new wing manufacturing facility, if applicable. The Committee further directs the Comptroller General to provide an independent assessment of the Air Force cost analysis supporting its C-17 wing production strategy to the Committee within two weeks of publication of the Air Force's report.

TRAINER AIRCRAFT

T-46A

The T-46A is a twin engine trainer aircraft with two-person side-by-side seating. The Air Force failed to budget for continued T-46A production in fiscal year 1987 as was requested by the Appropriations Conference in fiscal year 1986. Testimony before the Committee indicates that the requirement for a new trainer aircraft remains valid, and that no viable alternatives exist. In order to take advantage of the considerable development investment that has been made in the T-46A program, the Committee concurs with the House Armed Services Committee that the production program should be continued. The Committee recommends \$124,000,000 for the procurement of 12 aircraft in fiscal year 1987, and \$27,000,000 for advance procurement of 44 aircraft in fiscal year 1988.

OTHER AIRCRAFT

TR-1/U-2

The Air Force budgeted \$94,549,000 for procurement of 3 TR-1/U-2 aircraft in fiscal year 1987. The Committee recommends \$89,549,000, a reduction of \$5,000,000 for estimated air frame cost savings, for procurement of 3 aircraft subject to authorization.

MODIFICATION OF IN-SERVICE AIRCRAFT

B-1B AIRCRAFT

The Air Force has an ongoing retrofit modification program since some early B-1B aircraft did not receive during production the full capability built into the remaining B-1B aircraft. Last year, the Committee objected to Air Force plans, disclosed by the General Accounting Office, to fund these retrofit modifications using excess production funds, in much earlier fiscal years than required, and without formal disclosure to the Congress in budget justification material. The Air Force is now complying with the Committee's direction to budget for these modifications in the proper line items and fiscal years. However, the Air Force testified this year that it no longer considers the cost of these retrofit modifications, approximately \$186,000,000, to be part of the Presidential commitment to deliver 100 B-1B bomber aircraft at a cost not exceeding \$20,500,000,000 in constant fiscal year 1981 dollars. The Committee disagrees with this proposed interpretation since a standard aircraft configuration is a fundamental part of the Presi-

dent's initiative. Future Air Force cost histories of the B-1B production program should reflect this reality.

B-52 AIRCRAFT

The Air Force budgeted \$413,400,000 to modify B-52 aircraft. The Committee recommends \$397,200,000, a reduction of \$16,200,000 due to savings in the Common Strategic Rotary Launcher.

F-15 AIRCRAFT

The Air Force budgeted \$269,000,000 to modify F-15 aircraft. The Committee does not recommend F-15 retrofit modification funds related to electronic warfare system upgrades due to uncertainties in the development programs, for which \$87,000,000 is budgeted in fiscal year 1987 and \$70,000,000 in fiscal year 1986. This reduction is based on software development problems and schedule slips in ALQ-135 and ALR-56C Group B hardware deliveries. It should not be interpreted to delay any other aspect of the F-15 retrofit modification program, including Group A modifications related to these electronic components. In addition, \$8,700,000 appropriated in fiscal year 1986 for ASAT modifications is no longer needed. The Committee recommends \$103,300,000, a reduction of \$165,700,000, offset in part by transfer of \$78,700,000 from prior year F-15 modification funds.

CRAF

No funds are budgeted for the Civil Reserve Air Fleet (CRAF) modifications. However, \$7,300,000 of the funds appropriated in fiscal year 1986 are not needed, due to favorable contract negotiations. The Committee recommends a general reduction of \$7,300,000 to the modification account.

SPARES AND REPAIR PARTS

INITIAL SPARES

Initial spares and repair parts are for repair of new aircraft during the initial support period, which is generally the first two years of operation. The Air Force budgeted \$927,800,000 for procurement of initial spares and repair parts in fiscal year 1987.

The Committee recommends the following reductions to the budget request, based on reductions to the weapon system production budgets addressed elsewhere in this report or on authorization actions.

(In millions of dollars)

Item	Reason	Amount
F-15	Authorization	- 33.3
F-16	Authorization and inflation savings	- 64.0
T-46A	Authorization	+ 8.4
Mods	Authorization	- 27.1
PLSS	Program cancellation (authorization plus prior years)	- 42.3
ASPJ	Development delay	- 35.8
USM-464	Authorization	- 1.8
Total		- 195.9

The Committee recommends \$731,900,000, a reduction of \$195,900,000.

REPLENISHMENT SPARES

Replenishment spares are used to support aircraft once the initial support period has ended. The Air Force budgeted \$2,550,103,000 for procurement of aircraft replenishment spares in fiscal year 1987.

\$192,700,000 budgeted for B-1B replenishment spares for the conventional role is premature and is therefore not approved by the Committee.

Of the amounts budgeted for electronic warfare peacetime replenishment spares, \$71,500,000 is not approved by the Committee. This reduction is related to equipment whose production has been delayed, as reported by the General Accounting Office, and for which replenishment spares are inappropriate at this time. These include:

USM-464 Test Set.....	-9.2
ALR-621.....	-7.9
ALR-74.....	-25.7
ALQ-135.....	-7.0
ALT-32.....	-21.7
Total.....	-71.5

The Committee requests the Air Force to clearly segregate all electronic warfare spares funding, including peacetime spares, by system in future budget submissions to the Congress.

Based on General Accounting Office analysis of Air Force management of spare parts, the Committee recommends the following additional reductions:

Buy Early policy.....	-125.0
Administrative leadtime.....	-53.0
Excess On-Order Inventory.....	-72.0
Total.....	-250.0

This analysis indicates recurring problems with Air Force spare parts policies. First, the Air Force purchases spares prematurely, thereby incurring unnecessary inventory holding costs while also requesting more appropriated funding than necessary. Second, it uses a 9 month across-the-board administrative leadtime factor to compute its spare parts requirements, yet its current experience is under 7 months. Third, as of December 31, 1985 GAO reports that the Air Force had \$1.1 billion of contracted on-order spares which are excess to foreseeable needs (more than 9¼ years of supply). GAO's ongoing work indicates that Air Force terminates less than one percent of the contracted on-order excesses. GAO also reports that Air Force item managers do not make required economic analyses, but routinely certify that it is uneconomical to take contract

termination action. The Committee believes that if the Air Force devotes sufficient management attention to these problems, significant spare parts savings will result.

In summary, the Committee recommends \$2,035,903,000, a reduction of \$514,200,000.

WAR CONSUMABLES

The Air Force budgeted \$51,100,000 to procure war consumable equipment in fiscal year 1987. The Committee recommends \$46,100,000, a reduction of \$5,000,000 based on historical trends.

OTHER PRODUCTION CHARGES

The Air Force budgeted \$3,685,489,000 for other production charges. The Committee recommends a reduction of \$363,449,000 for the following reasons:

Item	Reason	Amount
NAVSTAR Avionics	Authorization	- 16,200
PLSS	Authorization	- 52,800
Countermeasure test sets	Cancelled program	- 19,600
ALQ-131	Authorization	- 10,000
ALQ-184	Authorization	- 56,000
Self Protection Suite	Production delay	- 184,100
(Transfer)		(+ 40,300)
Classified programs	See classified annex	- 24,149
Airborne recorders	Updated costs	- 600
Total		- 363,449

Concerning procurement of electronic warfare equipment, the Committee is pleased at Air Force reorganizations which intend to increase management attention on these vital systems. The Committee directs the Air Force to separately budget for total procurement of electronic warfare systems on two new P-1 lines in future budget submissions to Congress. Use of an advance procurement line should be considered for those systems which require long lead funding. The budget justification material for these new line items should be supported by P series exhibits that are standard for all major equipment procurements. The Committee further directs the Comptroller of the Defense Department to ensure that future new start electronic warfare developments are not funded in the procurement account, as was done on the ALR-74 and ALR-62I systems.

The Committee recommends \$3,322,040,000, a reduction of \$363,449,000, offset in part by transfer of \$40,300,000 from fiscal year 1986 funds.

PRIOR YEAR SAVINGS

The Committee recommends an undistributed reduction of \$487,300,000 based on prior year savings in the following programs:

		Fiscal year 1985	Fiscal year 1986	Total
F-15	Authorization (engine savings)	-3.7	-11.6	-15.3
F-16	Authorization (engine savings)		-71.4	-71.4
NC-10	Authorization (EPA savings)	-10.0	-3.0	-13.0
C-5B	Authorization and additional EPA savings	-181.8	-4.1	-185.9
C-131 Mod.	Authorization (cancellation)		-12.0	-12.0
Counter-Measure Test Sets	Authorization (cancellation)	-93.5		-93.5
PLSS	Authorization (cancellation)	-55.2	-41.0	-96.2
Total		-344.2	-143.1	-487.3

The reduction is offset entirely by transfer from prior year appropriations. \$344,200,000 is from fiscal year 1985 and \$143,100,000 is from fiscal year 1986 Aircraft Procurement, Air Force appropriations.

SUMMARY OF TRANSFERS

The Committee recommends a total of \$606,300,000 for transfer, of which \$349,300,000 is from Aircraft Procurement, Air Force 1985/1987 and \$257,000,000 is from Aircraft Procurement, Air Force 1986/1988. The rationale for these amounts is discussed above, in the following line items:

(In millions of dollars)

	Fiscal year 1985	Fiscal year 1986	Total
F-15 Modifications	-5.1	-73.6	-78.7
Other Production Charges	-	-40.3	-40.3
Prior Year Savings	-344.2	-143.1	-487.3
Total	-349.3	-257.0	-606.3

INFLATION ADJUSTMENT

As discussed in the beginning of the Procurement section of this report, the Committee recommends an inflation adjustment of \$184,600,000.

MISSILE PROCUREMENT, AIR FORCE

Appropriations, 1986	¹ \$8,312,442,000
Adjusted base, 1986	¹ 7,905,132,000
New obligational authority, 1987:	
Estimate	8,982,400,000
Recommended	6,725,777,000
Decrease	2,256,623,000
Total recommended in the bill	² 6,843,677,000

¹ And in addition, \$345,400,000 in prior year unobligated balances transferred forward to fiscal year 1986.

² Includes \$6,725,777,000 in new obligational authority and in addition \$81,400,000 to be derived by transfer from "Missile Procurement, Air Force, 1985/1987"; and \$36,500,000 to be derived by transfer from "Missile Procurement, Air Force, 1986/1988".

This appropriation provides for procurement, installation, and checkout of strategic ballistic and other missiles, modification of in-service missiles, and initial and replenishment spares and repair parts for missile systems. It also provides for operational space systems, boosters, payloads, drones, associated ground support equipment, non-recurring maintenance of industrial facilities, machine tool modernization, and special programs support.

PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 1987:

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE RECOMMENDS		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
MISSILE PROCUREMENT, AIR FORCE						
BALLISTIC MISSILES						
STRATEGIC						
PEACEMAKER (M-R)	21	1,418,131	12	1,114,731	-9	-303,400
MISSILE REPLACEMENT EQUIPMENT - BALLISTIC						
MISSILE REPLACEMENT EQ-BALLISTIC	--	69,696	--	69,696	--	---
TOTAL, BALLISTIC MISSILES		1,487,827		1,184,427		-303,400
OTHER MISSILES						
STRATEGIC						
AIR LAUNCH CRUISE MISSILE	--	12,407	--	12,407	--	---
TACTICAL						
AGM-79W SPARROW	379	64,997	379	61,687	--	-3,310
AIM-9LW SIDEWINDER	1,710	95,619	1,710	93,834	--	-1,785
AGM-130 POWERED CRUISE	51	28,577	--	---	-51	-28,577
AGM-65B HAVOC	4,700	580,984	585	75,684	-4,115	-505,300
AGM-66A BARR	2,130	493,382	1,450	362,487	-680	-130,895
RAPTOR	--	6,400	--	6,400	--	---
AWAARD (AP-CV)	380	616,639	180	377,379	-200	-239,260
AWAARD (AP-CV)	--	89,900	--	89,900	--	---
CRD LAUNCH CRUISE MISSILE	76	129,600	76	115,700	--	-13,900
CRD LAUNCH CRUISE MISSILE (AP-CV)	--	4,600	--	4,600	--	---
STINGER	--	1,700	--	1,700	--	---
TARGET DROVES						
TARGET DROVES	--	19,637	--	19,637	--	---
INDUSTRIAL FACILITIES						
INDUSTRIAL FACILITIES	--	14,458	--	14,458	--	---
MISSILE REPLACEMENT EQUIPMENT - OTHER						
MISSILE REPLACEMENT EQ-OTHER	--	17,205	--	15,805	--	-1,400
CLASSIFIED PROGRAMS	--	841,573	--	279,773	--	-561,800
TOTAL, OTHER MISSILES		1,014,583		1,644,404		-1,408,177
MODIFICATION OF IN-SERVICE MISSILES						
CLASS IV						
CLASS IV	--	4,367	--	4,367	--	---
IGH-509 G MINUTEMAN II (II)	--	105,589	--	100,389	--	-5,200
AGM-66A BARR	--	2,858	--	2,858	--	---
AIR LAUNCH CRUISE MISSILE	--	16,560	--	16,560	--	---
CRD LAUNCH CRUISE MISSILE	--	15,794	--	15,794	--	---
MODIFICATIONS UNDER S2 OM	--	1,858	--	1,858	--	---
TOTAL, MODIFICATION OF IN-SERVICE MISSILES		186,527		161,327		-25,200
MISSILE SPARES & REPAIR PARTS						
SPARES AND REPAIR PARTS	--	334,166	--	266,064	--	-68,102
OTHER SUPPORT						
SPACE PROGRAMS						
SPACEBORNE EQUIP (COSMIC)	--	61,899	--	61,899	--	---
GLOBAL POSITIONING (MVP)	9	129,665	9	129,000	--	-665
SPACE SHUTTLE OPERATIONS	--	59,062	--	59,062	--	---
DEF METEOROLOGICAL SAT PROG (MVP)	--	19,477	--	9,227	--	-10,250
OWSP (MVP) (BY TRANSFER)	--	---	--	(113,200)	--	(113,200)
DEFENSE SUPPORT PROGRAM (MVP)	--	108,515	--	108,515	--	---
DEFENSE SUPPORT PROGRAM (MVP) (AP-CV)	--	250,000	--	134,400	--	-115,600
DEFENSE SATELLITE COMM SYSTEM (MVP)	2	117,131	3	109,931	--	-7,200
DEFENSE SATELLITE COMM SYSTEM (MVP) (AP-CV)	--	5,540	--	5,540	--	---
SPACE BOOSTERS	--	51,747	--	51,747	--	---
SPACE BOOSTERS (AP-CV)	--	130,000	--	130,000	--	---
SPACE DEFENSE SYSTEM (AP-CV)	--	28,491	--	---	--	-28,491

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
SPECIAL PROGRAMS						
OTHER PROGRAMS	--	45,311	--	45,311	--	---
FOREST GREEN	--	2,061	--	2,061	--	---
LODS (MFP)	--	24,854	--	24,854	--	---
SPECIAL PROGRAMS	--	1,851,958	--	1,748,258	--	-103,700
SPECIAL UPDATE PROGRAMS	--	972,646	--	917,346	--	-55,300
SPECIAL UPDATE PROGRAMS (BY TRANSFER)	--	---	--	(84,900)	--	(+84,900)
TOTAL, OTHER SUPPORT		3,959,297		3,834,151		-325,146
PV PROGRAM SAVINGS	--	---	--	-61,800	--	-61,800
PV PROGRAM SAVINGS (BY TRANSFER)	--	---	--	(51,800)	--	(+61,800)
INFLATION SAVINGS, FY87	--	---	--	-84,800	--	-84,800
TOTAL, MISSILE PROCUREMENT, AIR FORCE		8,982,400		8,725,777		-2,256,623
TRANSFER FROM OTHER ACCOUNTS		---		(117,900)		(+117,900)
TOTAL FUNDING AVAILABLE		8,982,400		8,843,677		-2,138,723

COMMITTEE RECOMMENDATIONS

AUTHORIZATION CHANGES

The Committee recommends the following changes in the budget estimate, in accordance with authorization action:

(In thousands of dollars)

	Budget request	Committee recommended	Change from request
Peacekeeper (MX)	\$1,418,131	\$1,114,731	-\$303,400
AIM-7F/M Sparrow	64,887	61,687	-3,200
AGM-130 Powered GBU-15	26,577		-26,577
AGM-65D Maverick	580,984	75,684	-505,300
AGM-88A HARM	493,382	362,482	-130,900
Ground Launched Cruise Missile	128,600	115,700	-12,900
Missile Replacement Equipment—Other	17,205	15,805	-1,400
Classified Programs	841,573	279,773	-561,800
Minuteman Modifications	105,589	100,389	-5,200
Missile Spares and Repair Parts	334,166	266,066	-68,100
Global Positioning	129,665	126,000	-3,665
Defense Support Program	250,000	134,400	-115,600
Defense Satellite Comm System	117,131	109,931	-7,200
Space Defense System—Adv Procurement	28,481		-28,481
Prior Year Program Savings		-61,800	-61,800
Prior Year Transfer		(61,800)	(+61,800)

OTHER MISSILES**TACTICAL MISSILES****AIM-9 SIDEWINDER**

The Air Force requested \$95,636,000 for 1,710 AIM-9 Sidewinder missiles. Projection of 1986 contract prices to the 1987 program results in funding requirements lower than the budget request by \$1,800,000. Accordingly, the Committee recommends \$93,836,000 for 1,710 AIM-9 Sidewinder missiles, a reduction of \$1,800,000 from the budget request.

AMRAAM

The Committee recommends \$537,328,000 for procurement of 180 AMRAAMs, subject to authorization, and \$44,900,000 for AMRAAM advance procurement, subject to authorization.

The Committee is aware of concerns that AMRAAM production funds could be released in advance of adequate testing. Consequently, the Committee has provided language in the bill prohibiting obligation or expenditure of funds for AMRAAM Lot 1 low-rate production until a minimum of three successful flight tests have been conducted, each consisting of simultaneous attacks on at least two targets in an electronic countermeasure environment. For purposes of this provision, the Committee defines as successful a flight test which results in the destruction of all targets of simultaneous attacks, or their inferred destruction if the test missiles are not equipped with live warheads.

OTHER SUPPORT**DEFENSE SUPPORT PROGRAM (DSP)**

DSP satellites contain sensors that provide data to the National Command Authority and other designated users. The budget request included \$250,000,000 in advance procurement for the Defense Support Program. These funds would initiate a new multiyear procurement for the program. In consideration of budgetary restraints and action taken by the Committee on Armed Services, the Committee has denied the multiyear procurement request for DSP and thus reduced the budget request by \$115,600,000. However, the Committee recognizes the potential long term savings that could be achieved by a multiyear procurement approach for the Defense Support Program, and remains open minded about a future commitment to such an approach.

DEFENSE METEOROLOGICAL SATELLITE PROGRAM

The Committee is advised that, because of contract savings, \$11,200,000 of prior year funds are available for application to the 1987 DMSP program. Accordingly, the Committee recommends \$8,227,000 for Defense Meteorological Satellite Program, a reduction of \$11,200,000 from the budget request, offset by a corresponding transfer of prior year funds.

SPACE BOOSTERS

The Air Force budgeted \$52,747,000 for the procurement of space boosters and associated equipment in fiscal year 1987 and \$230,000,000 for advance procurement. The Committee recommends approval of the full amount budgeted. In the supplemental appropriation for fiscal year 1986, the Congress provided authority to obligate up to \$1,498,800,000 for the Department of Defense Space Recovery Program, to be financed from excess prior year unobligated balances. It also allowed the Air Force to proceed with a multiyear contract for up to 23 Complementary Expendable Launch Vehicles (CELVs). Fiscal year 1987 space boosters funding continues the CELV initiative. The Committee expects that the CELV initiative will continue to be budgeted and executed as a fully funded program, consistent with longstanding Congressional and Defense budgeting policy. Further, the Committee directs the Secretary of the Air Force to include a priced option in the CELV contract to hold four of the CELV's in reserve, as was intended by Congress when it initially approved the CELV concept last year.

SPECIAL PROGRAMS

SPECIAL UPDATE PROGRAMS

For reasons explained in the classified annex to this report and in a classified letter to the Secretary of Defense, the Committee recommends reductions of \$103,700,000 in Special Programs, and \$55,300,000 in Special Update Programs, offset in part by a transfer of \$44,900,000 of prior year funds.

INFLATION ADJUSTMENT

As discussed in the beginning of the Procurement section of this report, the Committee recommends an inflation adjustment of \$84,800,000.

OTHER PROCUREMENT, AIR FORCE

Appropriations, 1986	\$8,531,383,000
Adjusted Base, 1986	8,112,382,000
New Obligational Authority, 1987:	
Estimate	10,900,300,000
Recommended	8,654,521,000
Decrease	2,245,779,000
Total recommended in the bill	¹ 8,733,232,000

¹ Includes \$8,654,521,000 in new obligational authority, and in addition \$56,311,000 in prior year unobligated balances to be derived by transfer from "Other Procurement, Air Force, 1985/1987" and \$22,400,000 to be derived by transfer from "Other Procurement, Air Force, 1986/1988".

This appropriation provides for the procurement of weapon systems and equipment other than aircraft and missiles. Included are munitions, other weapons, vehicles, electronic and telecommunications systems for command and control of operational forces, and ground support equipment for weapons systems and supporting structure.

PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 1987:

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
OTHER PROCUREMENT, AIR FORCE						
MUNITIONS AND ASSOCIATED EQUIPMENT						
ROCKETS + LAUNCHERS						
2.75 INCH ROCKET MOTOR	100,000	23,684	90,000	21,884	-10,000	-1,800
2.75" ROCKET HEAD, W.P.	117,380	8,314	12,300	1,014	-105,080	-7,300
ITEMS LESS THAN \$2,000,000	--	5,704	--	4,404	--	-1,300
CARTRIDGES (THOUSANDS)						
9MM PARABELLUM	15,000	1,450	15,000	1,450	--	---
7.62 MM BLANK, LINKED	2,000	420	2,000	420	--	---
5.56 MM	57,704	8,264	29,513	4,364	-28,193	-3,900
20 MM COMBAT	3,225	11,898	1,952	8,198	-1,273	-3,700
20MM TRAINING	10,041	22,291	9,600	21,291	-441	-1,000
30 MM TRAINING	6,023	59,086	4,623	41,786	-1,400	-17,300
30 MM API	2,364	40,000	2,165	31,700	-199	-8,300
81 MM	208	20,031	15	1,031	-193	-19,000
40MM TP GRENADES	469	713	469	713	--	---
CART CHAFF RR-170	5,912	19,627	5,912	19,627	--	---
SIGNAL MM-4 MOD 3	1,440	1,454	1,440	1,454	--	---
MM-4A/A ENGINE STARTER	80	8,341	24	2,541	-56	-5,800
CART INF 3000 FT/LBS	1,586	3,743	1,586	3,743	--	---
ITEMS LESS THAN \$2,000,000	--	12,478	--	8,528	--	-3,900
BOMBS						
MM-82 INERT/BDU-50	35,000	8,091	--	---	-35,000	-8,093
DURABOMB	3,400	88,131	2,659	68,931	-741	-19,200
TIMER ACTUATOR FIB PUZE	17,230	4,870	4,591	1,970	-12,639	-2,900
BSU-49 INFLATABLE RETARDER	47,987	27,375	47,987	22,600	--	-4,775
BSU-50 INFLATABLE RETARDER	7,875	7,574	7,875	7,574	--	---
BOMB 2000 LB HIGH EXPLOSIVE	12,017	25,294	12,017	25,294	--	---
BOMB HARD TARGET 2000LB	2,290	37,818	1,034	13,318	-1,258	-24,500
GRU-15	696	138,905	--	---	-696	-138,905
BOMB PRACTICE 25 POUND	1087,752	18,083	1087,752	10,383	--	-7,700
MM-84 BOMB-EMPTY	--	1,770	--	1,770	--	---
CRU-89(TWO/GATOR)	5,390	194,197	3,144	113,297	-2,246	-80,900
CRU-87(COMBINED EFFECTS MUNITION)	28,850	586,748	17,625	386,648	-11,225	-180,100
BIGEYE	--	28,400	--	---	--	-28,400
ITEMS LESS THAN \$2,000,000	--	2,516	--	1,516	--	-1,000
TARGETS						
AERIAL TOW TARGET	609	12,961	361	6,761	-248	-4,200
ITEMS LESS THAN \$2,000,000	--	127	--	127	--	---
OTHER ITEMS						
FLARE, IN MJU-78	563,253	11,909	563,253	11,909	--	---
FLARE, IN MJU-2	156,873	2,823	156,873	2,823	--	---
MJU-108	165,000	29,833	84,000	18,133	-81,000	-11,700
CHAFF PACKAGE RR-141A/L	111,776	4,850	111,776	4,850	--	---
SPARES AND REPAIR PARTS	--	4,191	--	4,191	--	---
MODIFICATIONS	--	200	--	200	--	---
ITEMS LESS THAN \$2,000,000	--	31,448	--	18,748	--	-12,700
PUZZES						
PMU-112/PMU-139	35,383	36,824	35,183	32,524	--	-4,300
ITEMS LESS THAN \$2,000,000	--	35	--	35	--	---
OTHER WEAPONS						
M-203 GRENADE LAUNCHER	921	558	921	558	--	---
MACHINE GUN, 7.62MM, M-60	97	372	97	372	--	---
81MM MORTAR	27	392	--	---	-27	-392
MMI HANDGUN	24,500	8,656	24,500	5,056	--	-3,600
SHOTGUN - 12 GAGE	665	278	665	278	--	---
NATIONAL RIFLE - M14	174	101	174	101	--	---
ROST NATION SUPPORT WEAPONS	1,930	3,201	1,930	3,201	--	---
TOTAL, MUNITIONS AND ASSOCIATED EQUIPMENT		1,546,181		937,516		-608,665
VEHICULAR EQUIPMENT						
PASSENGER CARRYING VEHICLES						
SEDAN, 4 DR 4X2	396	3,085	394	3,085	--	---
STATION WAGON, 4X2	391	3,236	391	3,236	--	---
BUS, 28 PASSENGER	127	8,000	127	4,000	--	---
BUS INTERCITY	8	1,307	8	1,307	--	---
BUS, 44 PASSENGER	45	1,782	45	1,782	--	---
AMBULANCE, BUS	32	2,681	32	2,681	--	---
MODULAR AMBULANCE	163	5,902	163	5,902	--	---
14-20 PASSENGER BUS	10	272	10	272	--	---
LAW ENFORCEMENT VEHICLE	335	2,955	335	2,955	--	---

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
CARGO - UTILITY VEHICLES						
TRUCK, STAKE/PLATFORM.....	555	8,016	555	8,016	--	---
TRUCK, CARGO-UTILITY, 3/4T, 4X4.....	275	3,039	275	3,039	--	---
TRUCK, CARGO-UTILITY, 1/2T, 4X2.....	304	2,911	304	2,919	--	---
TRUCK, PICKUP, 1/2T, 4X2.....	654	4,699	654	4,699	--	---
TRUCK, PICKUP, COMPACT.....	857	4,749	857	4,749	--	---
TRUCK MULTI-STOP 1 TON 4X2.....	627	9,360	627	9,360	--	---
TRUCK, PANEL, 4X2.....	279	2,798	279	2,798	--	---
TRUCK CARRYALL.....	575	7,876	575	7,876	--	---
TRUCK, CARGO, 2 1/2T, 6X6, M-35.....	388	18,247	388	18,247	--	---
TRUCK CARGO 5T M-923 M-925.....	73	6,664	73	6,664	--	---
TRUCK, CARGO, 2 1/2T.....	58	1,639	58	1,639	--	---
HIGH MOBILITY VEHICLE (MVP).....	400	10,713	400	10,713	--	---
TRUCK, TRACTOR, 5T.....	43	1,553	43	1,553	--	---
TRUCK TRACTOR 5T M-932 (MVP).....	8	412	8	412	--	---
TRUCK TRACTOR, OVER 5T.....	114	5,494	114	5,494	--	---
TRUCK WRECKER 5T M-936 (MVP).....	15	2,423	15	2,423	--	---
TRUCK, DUMP 5 TON.....	220	10,930	220	10,930	--	---
ITEMS LESS THAN \$2,000,000.....	--	20,565	--	20,565	--	---
SPECIAL PURPOSE VEHICLES						
TRUCK MAINT 4X2.....	295	3,073	295	3,073	--	---
TRUCK, MAINT, M-REACH.....	17	1,889	17	1,889	--	---
TRUCK, TELEPHONE MAINTENANCE.....	18	2,685	18	2,685	--	---
TRUCK, TANK, 1200 GAL.....	50	2,135	50	2,135	--	---
TRUCK, TANK, FUEL, M-49.....	35	2,487	35	2,487	--	---
TRACTOR, A/C TOW, M-4.....	167	4,135	167	4,135	--	---
TRACTOR, TOW, FLIGHTLINE.....	370	5,487	370	5,487	--	---
TRACTOR, BOZER.....	83	5,538	83	5,538	--	---
TRUCK, DEMINERAL WATER, 2600 GAL.....	23	2,473	23	2,473	--	---
SEMI TRAILER COMPRESSED GAS.....	11	2,731	11	2,731	--	---
ITEMS LESS THAN \$2,000,000.....	--	15,389	--	15,389	--	---
FIRE FIGHTING EQUIPMENT						
TRUCK CHASS P-15.....	3	2,249	3	2,249	--	---
TRUCK WATER P-18.....	79	6,089	79	6,089	--	---
TRUCK, PUMPER, P-8.....	28	3,242	28	3,242	--	---
TRUCK, PUMPER, P-12.....	19	1,700	19	1,700	--	---
ITEMS LESS THAN \$2,000,000.....	--	4,015	--	4,015	--	---
MATERIALS HANDLING EQUIPMENT						
TRUCK P/L 4,000 LB GED/DED 144".....	215	3,295	215	3,295	--	---
TRUCK, P/L 6000 LB.....	183	6,529	183	6,529	--	---
TRUCK, P/L 10,000 LB.....	216	9,413	216	9,413	--	---
LARGE CAPACITY LOADER.....	10	4,378	10	4,378	--	---
25K A/C LOADER.....	46	4,274	46	4,274	--	---
CONTAINER, LIFT, TRUCK.....	43	9,433	43	9,433	--	---
ITEMS LESS THAN \$2,000,000.....	--	10,532	--	10,532	--	---
BASE MAINTENANCE SUPPORT						
LOADER, SCOOP.....	102	7,042	102	7,042	--	---
DISTRIBUTOR, WATER 1500 GALLON.....	56	2,855	56	2,855	--	---
CLEANER, RUMAY/STREET.....	191	18,039	191	18,039	--	---
GRADER, ROAD, MOTORIZED.....	36	2,154	36	2,154	--	---
CRANE, 7-50 TON.....	119	12,072	119	12,072	--	---
EXCAVATOR, DED, FT.....	38	5,045	38	5,045	--	---
WATERCRAFT.....	8	4,055	8	4,055	--	---
SPARES AND REPAIR PARTS.....	--	8,492	--	8,492	--	---
MODIFICATIONS.....	--	295	--	295	--	---
ITEMS LESS THAN \$2,000,000.....	--	12,997	--	12,997	--	---
GENERAL REDUCTION.....	--	---	--	-31,600	--	-31,600
TOTAL, VEHICULAR EQUIPMENT.....	--	331,796	--	300,196	--	-31,600
ELECTRONICS AND TELECOMMUNICATIONS EQUIP						
COMM SECURITY EQUIPMENT (COMSEC)						
SPACE SYSTEMS (COMSEC).....	--	10,002	--	10,002	--	---
TEMPST EQUIPMENT.....	--	612	--	612	--	---
TAC SECURE VOICE.....	--	10,802	--	10,802	--	---
DCS SECURE VOICE (COMSEC).....	--	13,338	--	13,338	--	---
SECURE DATA.....	--	35,141	--	35,141	--	---
TRI-TAC (COMSEC).....	--	46,082	--	43,082	--	-3,000
SPARES AND REPAIR PARTS.....	--	11,976	--	11,976	--	---
MODIFICATIONS (COMSEC).....	--	330	--	330	--	---
INTELLIGENCE PROGRAMS						
INTELLIGENCE DATA HANDLING SYS.....	--	31,817	--	31,817	--	---
INTELLIGENCE TRAINING EQUIPMENT.....	--	12,641	--	12,641	--	---

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
INTELLIGENCE COMM EQUIP.....	--	11,000	--	11,000	--	---
COBRA JURY.....	--	249	--	249	--	---
COBRA SMOE.....	--	3,084	--	3,084	--	---
ITEMS LESS THAN \$2,000,000.....	--	17,545	--	17,045	--	-500
ELECTRONICS PROGRAMS						
TRAFFIC CONTROL/LANDING.....	--	11,899	--	4,899	--	-7,000
TACTICAL AIR CONTROL SYS IMPROVE.....	--	44,316	--	32,016	--	-12,300
FACAN.....	--	---	--	8,900	--	+8,900
WEATHER OBSERV/FORECAST.....	--	61,494	--	51,494	--	-10,000
DEFENSE SUPPORT PROGRAM.....	--	100,093	--	81,783	--	-18,310
DEFENSE SUPPORT PROGRAM (BY TRANSFER).....	--	---	--	(4,510)	--	(+4,510)
OTH-B RADAR.....	--	189,157	--	110,000	--	-78,157
SAC COMMAND AND CONTROL.....	--	11,265	--	11,265	--	---
LAUNCH CONTROL CENTER COMMUNICATIONS.....	--	9,415	--	---	--	-9,415
CHEYENNE MOUNTAIN COMPLEX.....	--	10,770	--	8,770	--	-2,000
PAVE PAWS/SLBN MARKING SYSTEMS.....	--	120,206	--	45,951	--	-74,255
SPRINTS MODERNIZATION.....	--	41,032	--	---	--	-41,032
SPACETRACK.....	--	4,888	--	4,888	--	---
NAVSTAR GPS.....	--	12,354	--	11,754	--	-600
SPACE COMMAND/CONTROL SYSTEM.....	--	12,144	--	12,144	--	---
PACAF COMMAND/CONTROL.....	--	1,153	--	1,153	--	---
DEFENSE METEOROLOGICAL SAT PROG.....	--	3,442	--	3,442	--	---
CARIBBEAN MARIN RADAR NETWORK.....	--	11,272	--	6,972	--	-4,300
HAIR/USAF-PAA RADAR UPGRADE.....	--	16,194	--	---	--	-16,194
TAC SIGINT SUPPORT.....	--	15,755	--	15,755	--	---
DIST ENLY WARNING RDR/NORTH WARNING.....	--	4,318	--	4,318	--	---
TACTICAL GROUND INTERCEPT FACILITY.....	--	5,155	--	5,155	--	---
AIR BASE SURVIVABILITY.....	--	3,885	--	---	--	-3,885
CHIEF'S TACTICAL TERMINALS/CCTI/TEREC.....	--	2,805	--	2,805	--	---
IMAGERY TRANS.....	--	12,349	--	12,349	--	---
TACTICAL WARNING SYSTEMS SUPPORT.....	--	3,435	--	435	--	-3,000
NORTH ATLANTIC DEFENSE CS.....	--	26,643	--	22,243	--	-4,400
SPECIAL COMM-ELECTRONICS PROJECTS						
AUTOMATIC DATA PROCESSING EQUIP.....	--	135,549	--	131,469	--	-4,100
ARMED/WEIS ADPP.....	--	40,092	--	35,792	--	-4,300
MAC COMMAND AND CONTROL SUPPORT.....	--	53,197	--	13,097	--	-40,100
GLCM COMMUNICATIONS.....	--	5,981	--	5,981	--	---
AIR FORCE PHYSICAL SECURITY SYSTEM.....	--	7,154	--	7,154	--	---
WEAPONS STORAGE/SECURITY.....	--	20,535	--	20,535	--	---
RANGE IMPROVEMENTS.....	--	143,878	--	88,878	--	-55,000
RADAR BOMB SCORER.....	--	12,837	--	9,137	--	-3,700
PLSS.....	--	27,231	--	---	--	-27,231
C3 COUNTERMEASURES.....	--	8,146	--	8,146	--	---
JOINT SURVEILLANCE SYSTEM.....	--	9,410	--	9,109	--	-301
JOINT SURVEILLANCE SYSTEM (BY TRANSFER).....	--	---	--	(301)	--	(-301)
SPACE SHUTTLE.....	--	7,954	--	4,854	--	-2,900
BASE LEVEL DATA AUTO PROGRAM.....	--	99,221	--	47,221	--	-52,000
SATELLITE CONTROL FACILITY.....	--	124,614	--	65,214	--	-61,400
CONSTANT WATCH.....	--	4,286	--	4,286	--	---
CONSOLIDATED SPACE OPS CENTER.....	--	75,988	--	75,988	--	---
CHC CENTER PROCESSING/DISPLAY SYS.....	--	2,110	--	2,110	--	---
HAWKEYE ACB.....	--	1,703	--	1,703	--	---
SANTO TEST RANGES ILM.....	--	66,928	--	21,828	--	-45,100
ENF HARDENING.....	--	15,786	--	12,486	--	-3,300
AIR FORCE COMMUNICATIONS						
PROGRAM 686A.....	--	1,927	--	1,927	--	---
INFORMATION TRANSMISSION SYSTEMS.....	--	8,038	--	5,738	--	-2,300
TELEPHONE EXCHANGE.....	--	76,590	--	52,190	--	-24,400
JOINT TACTICAL COMM PROGRAM.....	--	234,093	--	154,593	--	-79,500
JOINT TACTICAL COMM PROGRAM (BY TRANSFER).....	--	---	--	(3,000)	--	(-3,000)
UNREDCOM.....	--	13,417	--	5,917	--	-7,500
UNREDCOM.....	--	26,427	--	26,427	--	---
UNREDCOM.....	--	23,792	--	18,792	--	-5,000
AUTOMATED TELECOMMUNICATIONS PRO.....	--	30,260	--	---	--	-30,260
CINC MOBILE COMMAND CENTER.....	--	50,614	--	---	--	-50,614
WILSTAR.....	--	10,977	--	10,977	--	---
SATELLITE TERMINALS.....	--	---	--	---	--	---
DCA PROGRAMS						
WIDEBAND SYSTEMS UPGRADE.....	--	68,740	--	45,240	--	-23,500
MINIMUM ESSENTIAL DMR COMM NET.....	--	97,187	--	51,187	--	-46,000
DCA SECURE VOICE EQUIPMENT.....	--	37,762	--	20,862	--	-16,900
ORGANIZATION AND BASE						
TACTICAL C-3 EQUIPMENT.....	--	66,376	--	26,276	--	-40,100
PRODUCTIVITY INV TELECOM.....	--	3,939	--	3,939	--	---
RADIO EQUIPMENT.....	--	58,307	--	38,007	--	-20,300
PRODUCTIVITY ENR TELECOM.....	--	4,572	--	4,572	--	---
PIRER OPTICS.....	--	3,318	--	1,418	--	-1,900
TV EQUIPMENT (APRVT).....	--	4,920	--	4,920	--	---

(IN THOUSANDS OF DOLLARS)

	BUDGET QTY	REQUEST AMOUNT	COMMITTEE RECOMMENDED QTY	COMMITTEE RECOMMENDED AMOUNT	CHANGE QTY	FROM REQUEST AMOUNT
CCTV/AUDIOVISUAL EQUIPMENT.....	--	7.556	--	4.556	--	-3.000
F + I REQUIREMENTS.....	--	1.822	--	1.822	--	---
SPARES AND REPAIR PARTS.....	--	423.269	--	334.169	--	-89.100
ITEMS LESS THAN \$2,000,000.....	--	20.690	--	15.190	--	-5.500
MODIFICATIONS						
COMM-ELECTRONICS CLASS IV.....	--	39.990	--	36.790	--	-3.200
TACTICAL EQUIPMENT.....	--	21.398	--	21.398	--	---
ANTI-JAM VOICE.....	--	23.758	--	12.015	--	-11.743
TOTAL, ELECTRONICS AND TELECOMMUNICATIONS EQUIP.....		3.183.122		2.123.425		-1.059.697
OTHER BASE MAINTENANCE AND SUPPORT EQUIP						
TEST EQUIPMENT						
BASE/ALC CALIBRATION PACKAGE.....	--	54.464	--	44.264	--	-10.200
NEWARK AFS CALIBRATION PACKAGE.....	--	2.851	--	2.851	--	---
TEST EQUIPMENT-GEN PURP.....	--	12.454	--	12.454	--	---
ITEMS LESS THAN \$2,000,000.....	--	49.841	--	34.441	--	-15.400
PERSONAL SAFETY AND RESCUE EQUIP						
AUTOMATIC LIFE PRESERVERS.....	5.355	5.396	5.355	5.396	--	---
NIGHT VISION GOOGLES.....	1.098	8.763	1.098	8.763	--	---
CHEMICAL/BIOLOGICAL DEF PROG.....	--	114.599	--	114.599	--	---
ITEMS LESS THAN \$2,000,000.....	--	9.824	--	8.824	--	-1.000
DEPOT PLANT + MATERIALS HANDLING EQ						
BASE MECHANIZATION EQUIPMENT.....	--	34.731	--	34.731	--	---
AIR TERMINAL MECHANIZATION EQUIP.....	--	3.153	--	3.153	--	-2.000
ITEMS LESS THAN \$2,000,000.....	--	16.085	--	13.185	--	-2.900
ELECTRICAL EQUIPMENT						
GENERATORS-MOBILE ELECTRIC.....	--	26.709	--	26.709	--	---
FLOOD LIGHTS.....	926	11.282	926	7.682	--	-3.600
ITEMS LESS THAN \$2,000,000.....	--	4.155	--	4.155	--	---
BASE SUPPORT EQUIPMENT						
BASE PROCURED EQUIPMENT.....	--	59.793	--	43.493	--	-16.300
MEDICAL/DENTAL EQUIPMENT.....	--	143.916	--	114.616	--	-29.300
AIR BASE SURVIVABILITY.....	--	22.855	--	---	--	-22.855
COM ESSENTIAL FACILITIES.....	--	4.060	--	---	--	-4.060
PALLET, AIR CARGO, 108"X88".....	2,077	2,089	2,077	2,089	--	---
REF ASSEMBLY, 108"X88".....	--	4.501	--	3.201	--	-1.300
BLADDERS PNEU.....	200	2.499	200	2.499	--	---
TACTICAL SWELTIR.....	59	25.879	59	16.579	--	-9.300
PHOTOGRAPHIC EQUIPMENT.....	--	6.528	--	6.528	--	---
PRODUCTIVITY ENHANCEMENT.....	--	10.300	--	10.300	--	---
PRODUCTIVITY INVESTMENTS.....	--	2.128	--	928	--	-1.200
MOBILITY EQUIPMENT.....	--	60.977	--	42.377	--	-18.600
MARTINE HOST NATION SUPPORT.....	--	8.197	--	8.197	--	---
SPARES AND REPAIR PARTS.....	--	13.915	--	13.015	--	-900
ITEMS LESS THAN \$2,000,000.....	--	16.286	--	14.086	--	-1.400
SPECIAL SUPPORT PROJECTS						
INTELLIGENCE PRODUCTION ACTIVITY.....	--	22.739	--	22.739	--	---
SCIENTIFIC/TECHNICAL INTELLIGENCE.....	--	10.130	--	10.130	--	---
TECH SURV COUNTERMEASURES EQ.....	--	7.757	--	7.757	--	---
DEFENSE DISSEMINATION SYSTEM.....	--	8.335	--	8.335	--	---
AF TECHNICAL APPLICATION CENTER.....	--	13.634	--	13.634	--	---
PHOTO PROC/INTERPRET SYS.....	--	1.470	--	1.470	--	---
SELECTED ACTIVITIES.....	--	4,115.736	--	3,911.434	--	-204.302
SPECIAL UPDATE PROGRAM.....	--	871.847	--	871.847	--	---
INDUSTRIAL SURGE.....	--	19.200	--	---	--	-19.200
INDUSTRIAL PREPAREDNESS.....	--	2.071	--	2.071	--	---
MISC EQUIPMENT.....	--	19.589	--	6.389	--	-13.200
MODIFICATIONS.....	--	8.416	--	5.016	--	-3.400
NON-CENTRALLY MANAGED ITEMS						
TOTAL, OTHER BASE MAINTENANCE AND SUPPORT EQUIP.....		5,639.201		5,456.784		-182.417
PRIOR YEAR PROGRAM SAVINGS.....	--	---	--	-70.900	--	-70.900
PRIOR YEAR PROGRAM SAVINGS (BY TRANSFER).....	--	---	--	(119.400)	--	(119.400)
PRIOR YEAR PROGRAM SAVINGS (BY TRANSFER).....	--	---	--	(51.500)	--	(51.500)
INFLATION SAVINGS, PY87.....	--	---	--	-92.500	--	-92.500
TOTAL, OTHER PROCUREMENT, AIR FORCE.....		10,900.300		8,654.521		-2,245.779
TRANSFER FROM OTHER ACCOUNTS.....		---		(78.711)		(78.711)
TOTAL FUNDING AVAILABLE.....		10,900.300		8,733.232		-2,167.068

COMMITTEE RECOMMENDATIONS

AUTHORIZATION CHANGES

The Committee recommends the following changes in the budget estimate, in accordance with authorization action:

[In thousands of dollars]

	Budget request	Committee recommended	Change from request
2.75 Inch Rocket Motor.....	23,684	21,884	-1,800
2.75" Rocket Head, W.P.....	8,314	1,014	-7,300
Items Less Than \$2,000,000.....	5,704	4,404	-1,300
5.56 mm.....	8,264	4,364	-3,900
20 mm Combat.....	11,898	8,198	-3,700
20 mm Training.....	22,291	21,291	-1,000
30 mm Training.....	59,086	41,786	-17,300
30 mm API.....	40,000	31,700	-8,300
81 mm.....	20,031	1,031	-19,000
MXU-4A/A Engine Starter.....	8,341	2,541	-5,800
Items Less Than \$2,000,000.....	12,428	8,528	-3,900
MK-82 Inert/BDU-50.....	8,093		-8,093
Durandal.....	88,131	68,931	-19,200
Timer Actuator Fin Fuze.....	4,870	1,970	-2,900
Bomb Hard Target 2000lb.....	37,818	13,318	-24,500
Bomb Practice 25 pound.....	18,083	10,383	-7,700
CBU-89 (TMD/GATOR).....	194,197	113,297	-80,900
CBU-87 (Combined Effects Munition).....	566,748	386,648	-180,100
Bigeye.....	28,400		-28,400
Items Less Than \$2,000,000.....	2,516	1,516	-1,000
Aerial Tow Target.....	12,961	6,761	-6,200
MJU-10B.....	29,833	18,133	-11,700
Items Less Than \$2,000,000.....	31,448	18,748	-12,700
FMU-112/FMU-139.....	36,824	32,524	-4,300
9mm Handgun.....	8,656	5,056	-3,600
General Reduction.....		-31,600	-31,600
TRI-TAC (Comsec).....	46,082	43,082	-3,000
Items Less Than \$2,000,000.....	17,545	17,045	-500
Traffic Control/Landing.....	11,899	4,899	-7,000
Tactical Air Control Sys Improve.....	64,316	32,016	-32,300
Launch Control Center Communications.....	9,415		-9,415
Cheyenne Mountain Complex.....	10,770	8,770	-2,000
BMEWS Modernization.....	41,032		-41,032
NAVSTAR GPS.....	12,356	11,756	-600
Caribbean Basin Radar Network.....	11,272	6,972	-4,300
Air Base Survivability.....	3,885		-3,885
Tactical Warning Systems Support.....	3,435	435	-3,000
North Atlantic Defense C3.....	26,643	22,243	-4,400
WWMCCS/WIS ADPE.....	40,092	35,792	-4,300
MAC Command and Control Support.....	53,197	13,097	-40,100
Range Improvements.....	143,878	88,878	-55,000
Radar Bomb Scorer.....	12,837	9,137	-3,700
PLSS.....	27,231		-27,231
Space Shuttle.....	7,756	4,856	-2,900
Base Level Data Auto Program.....	99,221	47,221	-52,000
Satellite Control Facility.....	126,614	65,214	-61,400
Santo Test Ranges I&M.....	66,928	21,828	-45,100
EMP Hardening.....	15,786	12,486	-3,300
Information Transmission Systems.....	8,038	5,738	-2,300
Telephone Exchange.....	76,590	52,190	-24,400
Usredcom.....	13,417	5,917	-7,500
Automated Telecommunications Prg.....	23,792	18,792	-5,000

(In thousands of dollars)

	Budget request	Committee recommended	Change from request
Cinc Mobile Command Center	30,260		-30,260
Milstar	50,614		-50,614
Wideband Systems Upgrade	68,740	45,240	-23,500
DCS Secure Voice Equipment	37,762	20,862	-16,900
Tactical C-E Equipment	66,376	26,276	-40,100
Radio Equipment	58,307	38,007	-20,300
Fiber Optics	3,318	1,418	-1,900
CCTV/Audiovisual Equipment	7,556	4,556	-3,000
Spares and Repair Parts	423,269	334,169	-89,100
Items Less Than \$2,000,000	20,690	15,190	-5,500
Comm-Electronics Class IV	39,990	36,790	-3,200
Base/ALC Calibration Package	54,464	44,264	-10,200
Items Less Than \$2,000,000	49,841	34,441	-15,400
Items Less Than \$2,000,000	9,824	6,824	-3,000
Air Terminal Mechanization Equip	3,153	1,153	-2,000
Items Less Than \$2,000,000	16,085	13,185	-2,900
Flood Lights	11,282	7,682	-3,600
Base Procured Equipment	59,793	43,493	-16,300
Air Base Survivability	22,855		-22,855
Cob Essential Facilities	4,060		-4,060
Net Assembly, 108" x 88"	4,501	3,201	-1,300
Tactical Shelter	25,879	16,579	-9,300
Productivity Investments	2,126	926	-1,200
Mobility Equipment	60,977	42,377	-18,600
Spares and Repair Parts	13,915	13,015	-900
Items Less Than \$2,000,000	16,246	14,846	-1,400
Industrial Surge	19,200		-19,200
Misc Equipment	19,589	6,389	-13,200
Modifications	8,416	5,016	-3,400

MUNITIONS AND ASSOCIATED EQUIPMENT

BSU-49 INFLATABLE RETARDER

The Air Force budgeted \$27,375,000 for procurement of 47,987 BSU-49 inflatable retarders. A recent competitive procurement strategy has yielded significantly lower unit costs than assumed in the budget. The Committee recommends \$22,600,000, a reduction of \$4,775,000 to account for lower unit costs.

GBU-15

The Air Force budgeted \$138,905,000 for procurement of the GBU-15 glide bomb. The fiscal year 1987 budget funds full scale production of the imaging infrared (IIR) version of this weapon. Testing of this version continues well into next year and there have been production problems with the seeker. In addition, the weapon will soon be replaced by a powered version. The Committee denies funding for the GBU-15, a reduction of \$138,905,000.

81MM MORTAR

The Air Force budgeted \$392,000 for procurement of 27 81mm mortars. The Air Force proposes to procure an older version of this

mortar. The Army and Marine Corps, on the other hand, are replacing mortars of the type the Air Force desires with a new version. The Committee believes that the Air Force should use weapons which are becoming excess to the Army and Marine Corps rather than buy new weapons. Accordingly, a \$392,000 reduction is recommended.

ELECTRONICS AND TELECOMMUNICATIONS EQUIPMENT

TACAN ANTENNAS

The Air Force included no budget request for TACAN. The Committee recommends \$8,900,000.

The Committee continues to endorse the procurement of solid state, electronically scanned TACAN antennas for the VORTAC Improvement Program.

WEATHER OBSERVATION-FORECAST

The Air Force budgeted \$61,494,000 for the Weather Observation-Forecast Program. The Committee recommends \$51,494,000, a reduction of \$10,000,000 from the request. This recommendation provides the Air Force share of the funding for the next generation weather radar and continues the level of effort for the remainder of the program at the fiscal year 1986 level.

DEFENSE SUPPORT PROGRAM

The Air Force budgeted \$100,093,000 for the Defense Support Program. The Committee recommends \$81,783,000, a reduction of \$18,310,000 from the request, and use of \$4,510,000 in unobligated fiscal year 1985 appropriations to fund part of the fiscal year 1987 request. Subsequent to the budget submission, the Mobile Communications Terminal Upgrade has been deferred, accounting for \$13,800,000 of the reduction. In addition, the Air Force achieved contract savings of \$4,510,000 in fiscal year 1985 appropriations through procurement of commercial receivers rather than previously planned militarized receivers.

OTH-B RADAR

The Air Force budgeted \$188,157,000 for the OTH-B Radar. The Committee recommends \$110,000,000, a reduction of \$78,157,000 from the request.

The Committee supports the two sectors requested in the budget, but provides sufficient funding for the procurement of only one sector in fiscal year 1987, in view of the fiscal restraints on the budget.

PAVE PAWS

The Air Force budgeted \$120,206,000 for the PAVE PAWS program. The Committee recommends \$45,951,000, a reduction of \$74,255,000 from the request. The Committee action defers procurement for power upgrades budgeted in fiscal year 1987.

MARS USAF/FAA RADAR UPGRADE

The Air Force budgeted \$16,194,000 for the MARS USAF/FAA Radar Upgrade. The Committee recommends denial of the request because the program has slipped one year.

AUTOMATIC DATA PROCESSING EQUIPMENT

The Air Force budgeted \$135,569,000 for procurement of general purpose ADP equipment in fiscal year 1987. The Committee recommends \$131,469,000, a reduction of \$4,100,000 from the request. Based on the current acquisition schedule for Headquarters Computer Replacement Program, \$2,900,000 budgeted in fiscal year 1987 is premature. In addition, \$1,200,000 budgeted for the Improved Services Program is not necessary, by comparing Air Force testimony to the amounts budgeted.

WEAPONS STORAGE-SECURITY

The Air Force budgeted \$20,535,000 for the Weapons Storage-Security Program. The Committee approves the full amount of the request.

This program involves the installation of weapons storage vaults in aircraft shelters. The Committee feels strongly that about 30 percent of the total projected \$220,000,000 five year cost of this program clearly falls under the category of construction rather than procurement, and therefore directs the Air Force to request approximately 30 percent of the \$220,000,000 under the military construction account.

JOINT SURVEILLANCE SYSTEM

The Air Force budgeted \$9,410,000 for the Joint Surveillance System. The Committee recommends \$9,109,000, a reduction of \$301,000 from the request, and use of \$301,000 in unobligated fiscal year 1985 appropriations to fund part of the fiscal year 1987 request. The fiscal year 1985 unobligated balances resulted from savings available after completion of an interagency work agreement.

JOINT TACTICAL COMMUNICATIONS PROGRAM

The Air Force budgeted \$234,093,000 for the Joint Tactical Communications Program. The Committee recommends \$154,593,000, a reduction of \$79,500,000 from the request, and use of \$3,000,000 in unobligated fiscal year 1986 appropriations to fund part of the fiscal year 1987 request. The recommendation funds part of the authorized level with \$3,000,000 in fiscal year 1986 savings in the Digital Group Multiplexer element of this program.

MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK

The Air Force budgeted \$97,187,000 for the Minimum Essential Communications Network. The Committee recommends \$51,187,000, a reduction of \$46,000,000 from the request.

The Committee is disturbed that the Air Force has shown insufficient cooperation with local communities and governments during construction of Ground Wave Emergency Network (GWEN) towers.

The Committee directs the Air Force to fully co-operate with local communities and governments, and follow all applicable local environmental and other regulations and procedures.

ANTI-JAM VOICE MODIFICATIONS

The Air Force budgeted \$23,758,000 for the Anti-Jam Voice program. The Committee recommends \$12,015,000, a reduction of \$11,743,000 from the request. The amount reduced was intended for procurement of the Army SINCGARS radio, which will not be ready for procurement in fiscal year 1987.

OTHER BASE MAINTENANCE AND SUPPORT EQUIPMENT

CHEMICAL BIOLOGICAL DEFENSE PROGRAM

The Air Force budgeted \$114,599,000 for the Chemical Biological Defense Program. The Committee recommends approval of the request, but has several concerns with regard to the survivable collective protection shelters program.

The Committee has approved the amount requested for Air Force Survivable collective protective shelters. However, the Department is directed to submit all future budget requests for survivable semi-hardened collective protective systems through the military construction account. Truly mobile softwall collective protective systems shall remain a legitimately funded Procurement item. The Committee has found that the semi-hardened protective systems are neither truly mobile nor transportable in a cost effective manner, and are therefore legitimately construction items.

The Committee is also concerned about the long term plan of the Department of Defense for the provision of collective protection to DOD personnel in all services. The Department is directed to submit a coordinated plan which addresses total requirements, the integration of various collective protection efforts among the Services, and details program costs and locations and which relates the program to those of our allies. This report should be submitted by February 1, 1987.

Finally, the Committee expects that these shelters will be procured from an American source and that all major components, i.e., filter/blower units, engine/generator exhaust fans, blast valves and blast doors will be manufactured in the United States.

MEDICAL-DENTAL EQUIPMENT

The Air Force budgeted \$143,916,000 for the Medical-Dental Equipment program. The Committee recommends \$114,616,000, a reduction of \$29,300,000 from the request. This recommendation is discussed under the "Military Health Care" heading in the Operation and Maintenance section of this report.

PRIOR YEAR SAVINGS

The Committee recommends a reduction of \$70,900,000 for Other Procurement, Air Force, to be offset by use of \$51,500,000 in fiscal year 1985 and \$19,400,000 in fiscal year 1986 unobligated balances to fund part of the fiscal year 1987 Other Procurement, Air Force

request. These prior year savings in the PLSS program are not needed to fund fiscal year 1987 requirements.

INFLATION ADJUSTMENT

As discussed in the beginning of the Procurement section of this report, the Committee recommends an inflation adjustment of \$92,500,000.

NATIONAL GUARD AND RESERVE EQUIPMENT

Appropriation, 1986.....	\$1,501,800,000
Adjusted Base, 1986.....	1,469,538,000
New obligational authority, 1987:	
Estimate.....	
Recommended.....	752,068,000
Increase.....	752,068,000

PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 1987:

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
NATIONAL GUARD AND RESERVE EQUIPMENT, DEFENSE						
RESERVE ARMY						
MISCELLANEOUS EQUIPMENT	--	---	--	100,000	--	+100,000
TOTAL, RESERVE ARMY				100,000		+100,000
RESERVE NAVY						
P-3C PATROL (ORION)	--	---	7	242,968	+7	+242,968
CSAR HELICOPTERS	--	---	--	38,000	--	+38,000
AIRCRAFT SUPPORT EQUIPMENT	--	---	--	20,000	--	+20,000
AIRBORNE WIRE COUNTERMEASURES	--	---	--	8,000	--	+8,000
TOTAL, RESERVE NAVY				308,968		+308,968
RESERVE MAR CORPS						
MISC COMM ELECTRONICS EQUIPMENT	--	---	--	3,600	--	+3,600
MISCELLANEOUS ENGINEERING EQUIPMENT	--	---	--	19,300	--	+19,300
ANALYZER SET ENGINE (STE/ICE)	--	---	--	1,100	--	+1,100
RC-130 V AIRCRAFT	--	---	2	40,000	+2	+40,000
TOTAL, RESERVE MARINE CORPS				74,000		+74,000
RESERVE AF						
C-130H AIRCRAFT	--	---	8	150,000	+8	+150,000
TOTAL, RESERVE AIR FORCE				150,000		+150,000
GUARD ARMY						
ROB-SYSTEM TRAINING DEVICES	--	---	--	25,000	--	+25,000
COMMUNICATIONS EQUIPMENT	--	---	--	23,500	--	+23,500
5-TON TRUCKS	--	---	--	20,600	--	+20,600
TOTAL, ARMY NATIONAL GUARD				69,100		+69,100
GUARD AF						
MISCELLANEOUS EQUIPMENT	--	---	--	50,000	--	+50,000
TOTAL, AIR NATIONAL GUARD				50,000		+50,000
TOTAL, NATIONAL GUARD AND RESERVE EQUIPMENT, DEFENSE				752,068		+752,068

Details of this Committee's recommendations are included in the Guard and Reserve section at the beginning of this report.

PROCUREMENT, DEFENSE AGENCIES

Appropriations, 1986	\$1,302,740,000
Adjusted Base, 1986	1,238,906,000
New obligational authority, 1987:	
Estimate	1,488,400,000
Recommended	1,503,361,000
Increase	14,961,000

This appropriation provides for the procurement of capital equipment for the Defense Communications Agency, the Defense Logistics Agency, and other agencies of the Department of Defense. The 1987 program includes procurement of automatic data processing equipment, mechanized materials handling systems, general and special purpose vehicular equipment, communications equipment, and many other things.

PROGRAM RECOMMENDED

The total amount recommended in the bill will provide the following program in fiscal year 1987:

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
PROCUREMENT, DEFENSE AGENCIES						
MAJOR EQUIPMENT, OSD	--	111.289	--	111.289	--	---
MAJOR EQUIPMENT, OSD/MSH	--	---	--	---	--	---
MAJOR EQUIPMENT, DRA	--	232	--	232	--	---
VEHICLES	--	4.298	--	4.298	--	---
OTHER CAPITAL EQUIPMENT	--	---	--	---	--	---
MAJOR EQUIPMENT, DCA	--	---	--	---	--	---
AMCCS ADP SYSTEMS	--	14.887	--	14.887	--	---
ITEMS LESS THAN \$900,000 EACH	--	40.169	--	40.169	--	---
MAJOR EQUIPMENT, DIA	--	---	--	---	--	---
MATERIALS HANDLING EQUIPMENT	--	8.642	--	8.642	--	---
VEHICLES	--	1.387	--	1.387	--	---
MECHANIZED MATERIALS HANDLING SYS	--	24.723	--	24.723	--	---
ADP EQUIPMENT	--	40.026	--	54.026	--	-14.000
TELECOMMUNICATIONS EQUIPMENT	--	17.289	--	17.289	--	---
OTHER MAJOR EQUIPMENT	--	10.023	--	10.023	--	---
ITEMS LESS THAN \$900,000 EACH	--	2.900	--	2.900	--	---
AUTOMATED MARKING/READING SYSTEM(LICHAAS)	--	500	--	500	--	---
MAJOR EQUIPMENT, DMA	--	---	--	---	--	---
VEHICLES	--	368	--	368	--	---
OTHER CAPITAL EQUIPMENT	--	30.120	--	30.120	--	---
FASTER SCAN EDIT STATION	--	1.746	--	1.746	--	---
MAJOR EQUIPMENT, DIS	--	---	--	---	--	---
VEHICLES	--	1.789	--	1.789	--	---
OTHER CAPITAL EQUIPMENT	--	1.849	--	1.849	--	---
MAJOR EQUIPMENT, USUSIS	--	---	--	---	--	---
ITEMS LESS THAN \$900,000 EACH	--	1.295	--	1.295	--	---
MAJOR EQUIPMENT, DCAK	--	---	--	---	--	---
ITEMS LESS THAN \$900,000 EACH	--	8.064	--	8.064	--	---
MAJOR EQUIPMENT, DAVA	--	---	--	---	--	---
MAJOR EQUIPMENT DMSF	--	---	--	---	--	---
ITEMS LESS THAN \$900,000 EACH	--	402.845	--	257.545	--	-145.300
MAJOR EQUIPMENT, DIG	--	---	--	---	--	---
ITEMS LESS THAN \$900,000 EACH	--	1.700	--	1.700	--	---
CLASSIFIED PROGRAMS	--	743.259	--	922.320	--	-180.061
INFLATION SAVINGS, PY87	--	---	--	-13.800	--	-13.800
TOTAL, PROCUREMENT, DEFENSE AGENCIES		1,488,400		1,503,361		-14,961

DLA ADP

The Defense Logistics Agency budgeted \$60,026,000 for procurement of general purpose ADP equipment in fiscal year 1987. Based on current schedules, \$6,000,000 for a CPU replacement at the Defense Personnel Support Center is no longer needed. The Committee recommends \$54,026,000, a reduction of \$6,000,000.

CLASSIFIED PROGRAMS

Adjustments to classified programs are addressed in the Classified Annex to this report.

INFLATION ADJUSTMENT

As discussed in the beginning of the Procurement section of this report, the Committee recommends an inflation adjustment of \$13,800,000.

DEFENSE PRODUCTION ACT PURCHASES

Appropriations, 1986	\$31,000,000
Adjusted Base, 1986	29,481,000
New obligational authority, 1987:	
Estimate	30,000,000
Recommended	40,000,000
Increase	10,000,000

The Department budgeted \$30,000,000 for Defense Production Act Purchases. The Committee recommends \$40,000,000, an increase of \$10,000,000 to the request, and directs that \$16,000,000 of this amount be allocated for Phase II of the Reclamation of Superalloy Scrap project initiated in fiscal year 1986, and that \$5,000,000 be allocated to the discontinuous-silicon carbide reinforced aluminum project.

Defense Production Act purchases are designed to develop the capacity of the United States industrial base to produce critical materials needed for defense. In fiscal year 1986 Congress approved \$4,000,000 for Phase I of the Reclamation of Superalloy Scrap project. The purpose of the project is to establish a domestic capability to reclaim chromium and other strategic materials from superalloy scrap. These materials, which are vital in the production of aircraft engines and other military equipment, are principally supplied to the United States by South Africa, Zimbabwe, and Yugoslavia. Phase II of the Reclamation of Superalloy Scrap project would within two years develop the capacity for United States industry to produce 4 million pounds of chromium annually.

The Committee is concerned that excessive delays in the obligation of appropriated funds under this program are resulting from the role played by the Office of Management and Budget in reviewing the merits of individual projects. It is the Committee's view that specific projects recommended by the Secretary of Defense and requested by the President in his budget and/or funded through the appropriations process by the Congress to further the national defense require only minimal processing by the Office of Management and Budget.

TITLE IV

RESEARCH, DEVELOPMENT, TEST AND EVALUATION

ESTIMATES AND APPROPRIATION SUMMARY

The fiscal year 1987 Department of Defense research, development, test and evaluation budget totaled \$41,929,900,000. The accompanying bill recommends a total program \$33,956,074,000 in new obligational authority, and in addition \$144,573,000 to be derived by transfer from prior year accounts. The table below summarizes the budget estimates and the Committee's recommendations:

RESEARCH, DEVELOPMENT, TEST AND EVALUATION

(In thousands of dollars)

	Budget request	Recommended	Change
RDT&E, Army	5,550,300	4,426,660	-1,123,640
Transfer from other accounts.....		(22,823)	(+ 22,823)
RDT&E, Navy	10,586,800	8,640,727	-1,946,073
Transfer from other accounts.....		(29,050)	(+ 29,050)
RDT&E, Air Force	17,275,400	14,190,262	-3,085,138
Transfer from other accounts.....		(66,200)	(+ 66,200)
RDT&E, Defense Agencies	8,364,300	6,577,588	-1,786,712
Transfer from other accounts.....		(26,500)	(+ 26,500)
RDT&E, Developmental Test and Evaluation, Defense.....	141,800	109,537	-32,263
RDT&E, Operational Test and Evaluation, Defense.....	11,300	11,300	
Total, RDT&E, New Budget Authority	41,929,900	33,956,074	-7,973,826
Transfer from other accounts.....		(144,573)	(+ 144,573)
Total funding available	41,929,900	34,100,647	-7,829,253

ANTI-ARMOR PROGRAMS

A subject of continuing dialogue between the Committee and the Department is the preparation of a single integrated approach to the anti-armor mission. It has been the Committee's position that too many programs are being pursued, that little or no control is being exercised by OSD, and that rigorous critique of claimed requirements is not being made. One step in improving the situation has been the preparation of an annual Anti-Armor Master Plan. To date, three editions have been published, each superior to the last. The process has now been firmly established, and the Committee expects that the fiscal year 1988 edition will meet fully the original intent. Specifically, the content of the plan is to reflect the resolution of issues which bear on a single integrated approach to the anti-armor mission, and is to form the basis for the subsequent budget request. Thus, the decisions needed in formulating the fiscal

year 1988 budget are being taken in the context of an updated Master Plan. The Committee fully expects that the fiscal year 1988 request will be prepared from, and be directly traceable to, the fiscal year 1988 edition of the Anti-Armor Master Plan. Said plan is to be submitted to the Committee not later than, and preferably prior to, submission of the fiscal year 1988 budget.

In its fiscal year 1986 report, the Committee directed submission of a Charter which establishes the Anti-Armor Steering Group as a permanent entity, chaired by a representative of OSD. The Department has not done so, citing the need to study the chartering of the Munitions Council, an umbrella activity which would include anti-armor matters. From the Committee's viewpoint, whether the Anti-Armor Steering Group stands alone, or is organizationally one element of a group with broader responsibilities, is immaterial. Rather, the matters of importance are formal establishment, continuous operation, annual preparation of the Anti-Armor Master Plan, and long term stability. The Committee expects rapid resolution of this organizational question, and directs submission not later than December 31, 1986 of the pertinent charter and directive for the Anti-Armor Steering Group, either as a separate entity or as an element of the Munitions Council.

As it did last year, the Committee directs that \$500,000 of the funds provided for P.E. 6.51.04D, Technical Support to USDR&E, be used to support anti-armor requirements analysis by OSD. The Committee directs that future budgets include funds specifically identified for such activities.

UNIVERSITY RESEARCH INITIATIVES

The Department's combined request for University Research Initiatives (URI) totaled \$49,478,000. In Fiscal Year 1986, Congress provided a post-sequester total of \$89,992,000 for this program, an amount somewhat above the originally planned levels.

The Committee believes that investment in our nation's technology base is the vital long-term component to maintaining the sustained growth, national security, and industrial competitiveness of the nation. University funded research is an important component of these goals, and the URI program will be a successful method of strengthening university research.

Currently, some 70 institutions are involved in the URI program. The Department has advised the Committee that the request for FY '87 is necessary to complete the funding profile for the program.

The Committee agreed, therefore, to provide the Department's request of \$49,478,000 for the URI program. The funding is not earmarked under the bill. The Committee also urges the Department of the Army to expand the scope of the program to include the applied mathematics and logistics research categories of the URI program unless there has been a demonstrable change in the need for research in these areas.

NATIONAL AEROSPACE PLANE

The Department of Defense requested \$149,017,000 to initiate advanced development of the National Aerospace Plane (NASP) in

fiscal year 1987. The Administration has also requested \$47,000,000 in NASA funding, for total fiscal year 1987 funding of \$196,017,000. The Committee recommends \$60,000,000 in Department of Defense funding. This represents an increase of 33 percent over the level provided in fiscal year 1986.

The Committee believes that development of the NASP should proceed at a slower pace until several critical issues are resolved. Foremost among these is the affordability of a development effort which is estimated to cost several billion dollars between fiscal years 1987 and 1993. During this same period, the Department of Defense will need to develop a heavy-lift, unmanned space cargo vehicle to meet SDI requirements. It is doubtful that both programs can be supported in the tight budget years ahead.

In addition, the Department has offered no compelling reason for initiating a "crash" program to develop the NASP. Research on NASP technology was funded at \$45,000,000 in fiscal year 1986, which is a significant level of effort. Although the Department is requesting a 230 percent increase in funding for fiscal year 1987, it has been able to offer no estimates of total development cost, no estimates of maximum payload, and no estimates of mission applications and possible operational requirements.

Furthermore, the Committee believes that dividing NASP funding among five separate departments or agencies, as is proposed in the fiscal year 1987 budget, would lead to an unnecessarily cumbersome arrangement which could result in bureaucratic delays and excessive overhead costs. It may also obscure the total costs being contemplated. Since mission applications have not yet been identified, it seems appropriate to focus NASP funding in DARPA and SDIO. Consequently, the Committee recommends no Navy or Air Force funding for NASP at this time.

INDEPENDENT RESEARCH AND DEVELOPMENT

BID AND PROPOSAL

The Department proposed a fiscal year 1987 ceiling for Independent Research and Development (IR&D) and Bid and Proposal (B&P) of \$5,462,400,000. The Department stated that in recognition of pressures to reduce the deficit it was limiting its request to a ceiling equal to last year's \$5,200,000,000, plus 3.6 percent for inflation, plus 1.4 percent for new companies meeting the threshold requirements for a negotiated advance agreement. The Committee notes that last year's ceiling was determined prior to sequestration of fiscal year 1986 funds under the provisions of the Balanced Budget and Emergency Deficit Control Act of 1985. With few exceptions, that sequestration reduced budget authority for defense programs by 4.9 percent. That reduction translates ultimately into lower contract expenditures, of which IR&D and B&P are carried as part of overhead expenses. The Committee finds that a fiscal year 1987 ceiling for IR&D and B&P must be computed using a fiscal year 1986 base which has been adjusted in part for sequestration. Accordingly, the Committee approves a ceiling of \$5,331,200,000 for IR&D and B&P for fiscal year 1987.

The Committee is advised that the Department has been failing to fully allocate IR&D and B&P ceilings agreed to by the Congress. While negotiating downward from a ceiling is desirable in negotiating a hardware procurement, it is inappropriate in the case of IR&D and B&P, because the net result is less research and fewer bids. The Committee directs that fiscal year 1987 and future IR&D and B&P ceilings be fully allocated by the Department.

Last year, the Committee instructed the Department to take into account changes in a contractor's business base within the immediately prior fiscal year when negotiating individual ceilings. The same consideration must be given to firms which reach business levels sufficient to require negotiated advance agreements for IR&D and B&P. In such cases, the Department must make fair and rapid allocation of applicable ceilings.

ADVANCED SEMICONDUCTOR RESEARCH

In recognition of a pressing concern, the Committee last year instituted a pilot program for the development of semiconductor materials and devices which are of a more advanced nature than are now available. The initial results are encouraging, and the Committee directs continuation of the program. Fiscal year 1987 funding of \$1,500,000 for the program is to be derived from the funds made available for Defense Research Sciences, comprised of \$450,000 each from the Army, Navy and Air Force, and \$150,000 from Defense Agencies.

COOPERATIVE DOD/VA MEDICAL RESEARCH

In response to the initiative made by the House Armed Services Committee, the Committee recommends a total of \$35,000,000 for Cooperative DoD/VA Medical Research. That total is provided as \$10,000,000 for the Army, \$10,000,000 for the Navy, and \$15,000,000 for the Air Force, offset in each case by a general reduction, as specified by authorization.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY

Appropriations, 1986	\$4,798,172,000
Adjusted Base, 1986	4,563,062,000
New Obligational Authority, 1987:	
Estimate	5,550,300,000
Recommended	4,426,660,000
Decrease	1,123,640,000
Total Recommended in the Bill	¹ 4,449,483,000

¹ Includes \$4,426,660,000 in new obligational authority and in addition \$22,823,000 in prior year unobligated balances to be derived by transfer from "Research, Development, Test and Evaluation, Army, 1986/1987".

This appropriation funds the Research, Development, Test and Evaluation activities of the Army.

AUTHORIZATION CHANGES

The Committee recommends the following changes in the budget estimate, in accordance with authorization action:

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BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
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RESEARCH DEVELOPMENT TEST & EVAL. ARMY

WEAPONS & MUNITIONS TECHNOLOGY.....	28,663	23,663	-5,000
CLOTHING EQUIP AND SHELTER TECH.....	18,012	15,012	-3,000
JT SVC FOOD SYS TECH.....	5,162	3,662	-1,500
MATERIELS AND STRUCTURES.....	20,154	18,054	-2,100
OPERATIONAL ENHANCEMENTS.....	2,637	---	-2,637
BATTLEFIELD ENVIRONMENT SIMULATION.....	7,083	4,083	-3,000
LANDMINE WARFARE/BARRIER DEV.....	11,344	21,344	+10,000
JOINT SERVICE SMALL ARMS PROGRAM.....	9,480	7,480	-2,000
NUCLEAR VULNERABILITY ADV TECHNOLOGY.....	6,614	---	-6,614
SPACE TECHNOLOGY INTEGRATION.....	987	---	-987
HUMAN FACTORS ENGINEERING APPLICATIONS.....	2,458	---	-2,458
ADV ELECTRONIC DEVICES DEV.....	5,537	---	-5,537
ADVANCED TACTICAL COMMUNICATIONS TECHNOLOGY.....	1,461	---	-1,461
ADV TACTICAL COMPUTER SCIENCE & TECHNOLOGY.....	13,674	10,674	-3,000
BATTLEFIELD SUSTAINMENT.....	3,342	---	-3,342
CLASSIFIED PROGRAMS.....	33,721	15,803	-17,918
ADVANCED ROTOCRAFT TECHNOLOGY INTEGRATION/LHX.....	44,420	40,000	-4,420
ANTI-TACTICAL MISSILE SYSTEM.....	38,635	---	-38,635
LIGHT WEIGHT AIR DEFENSE SYSTEM.....	21,717	---	-21,717
WEAPONS AND AMMUNITION.....	173	20,173	+20,000
SMOKE MUNITIONS AND MATERIEL CONCEPTS.....	3,189	2,589	-600
ARTILLERY/MORTAR AMMO DEVELOPMENT.....	17,210	9,807	-7,403
ELECTRIC POWER SOURCES.....	8,017	5,017	-3,000
AIRCRAFT SURVIVABILITY EQUIPMENT.....	4,588	---	-4,588
ARMY DATA DISTRIBUTION SYSTEM.....	42,122	37,122	-5,000
ELECT WRFR VULNERABILITY/SUCEPTIBILITY.....	16,912	---	-16,912
COMBAT SUPPORT EQUIPMENT.....	24,285	22,285	-2,000
SHORT RANGE AIR DEFENSE COMMAND AND CONTROL.....	16,189	---	-16,189
AIR DEFENSE ALTERNATIVES.....	103,944	---	-103,944
COMBAT SERVICE SUPPORT CONTROL SYS.....	4,608	1,000	-3,608
GRASS BLADE.....	6,698	---	-6,698
INFANTRY SUPPORT WEAPONS.....	26,044	21,044	-5,000
LANDMINE WARFARE.....	16,755	9,876	-6,879
COMM ENGINEERING DEV.....	6,473	5,473	-1,000
MODULAR INTEGRATED COMM AND NAVIGATION SYS.....	8,224	---	-8,224
IDENTIFICATION FRIEND OR FOE EQUIPMENT DEV.....	9,871	---	-9,871
PHYSICAL SECURITY.....	1,216	7,216	+6,000
CHEM BIO PROTECTIVE MATERIEL.....	10,550	3,000	-7,550
DIVISION AIR DEFENSE COMMAND AND CONTROL.....	82,065	30,000	-52,065
HW ANTI-TANK ASSAULT WPN SYS (TOW).....	12,468	5,000	-7,468
COMBAT VEHICLE IMPROVEMENT PROGRAM.....	79,203	50,000	-29,203
PATRIOT PRODUCT IMPROVEMENT PROGRAM.....	40,221	---	-40,221
AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM.....	14,592	13,592	-1,000
JOINT TACTICAL COMMO PROGRAM (TRITAC).....	17,401	15,401	-2,000
SATCOM GROUND ENVIRONMENT.....	94,478	79,478	-15,000
TARGET MISSILES.....	9,731	7,731	-2,000
NATO RESEARCH AND DEVELOPMENT.....	49,356	---	-49,356
NON-SYSTEM TNG DEVICES ENGR.....	46,260	43,260	-3,000

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	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
AVIATION ENGINEERING FLIGHT ACTIVITY.....	13,217	12,217	-1,000
MATERIEL SYSTEMS ANALYSIS.....	16,966	15,966	-1,000
NUCLEAR SURVIVABILITY TESTING & ANALYSIS.....	3,950	---	-3,950
INTL COOPERATIVE RESEARCH AND DEV.....	977	---	-977
MUNITIONS STANDARDIZATION EFFECTIVENESS & SAFETY.....	11,610	10,610	-1,000
PRODUCTIVITY INVESTMENTS.....	53,893	43,893	-10,000
COMBAT VEHICLE DIESEL ENGINE.....	---	9,000	+9,000
GUARD/RESERVE UNIQUE R&D.....	---	5,000	+5,000
LIGHT ARMORED VEHICLE/WEASEL EVALUATION.....	---	10,000	+10,000
NINE FLAIL WHEELED VEHICLE.....	---	10,000	+10,000
GROUND LAUNCHED HELLFIRE.....	---	2,000	+2,000
STINGER SYSTEM SAFEGUARD.....	---	1,000	+1,000
NATO COOPERATIVE R&D.....	---	31,000	+31,000
TACTICAL RPV EVALUATION.....	---	10,000	+10,000
FIBER OPTICS GUIDED MISSILES.....	---	83,313	+83,313
QUIET GENERATORS.....	---	5,000	+5,000
CLOSE IN AIR DEFENSE.....	---	10,000	+10,000
MILAN II EVALUATION.....	---	20,000	+20,000
COOPERATIVE DOD/VA MEDICAL RESEARCH.....	---	10,000	+10,000
PRIOR YEAR FUEL SAVINGS.....	---	-830	-830
FY 87 FUEL SAVINGS.....	---	-9,100	-9,100

COMMITTEE RECOMMENDATIONS

PROGRAM FUNDING ADJUSTMENTS

The budget request included amounts for some programs which exceeded by unjustifiably large percentages the amounts provided for fiscal year 1986. The Committee accordingly recommends the following reductions:

[In thousands of dollars]

	Budget request	Committee recommended	Change from budget
In-House Lab Indep Res.....	19,020	17,153	-1,867
Defense Research Sciences.....	212,594	193,682	-18,912
Materials.....	16,346	14,215	-2,131
Atmospheric Investigations.....	11,563	9,243	-2,320
Nuclear Wpns Effects.....	47,797	37,678	-10,119
Aircraft Avionics Tech.....	11,102	10,812	-290
Airdrop Technology.....	2,900	1,720	-1,180
Missile Technology.....	24,587	21,208	-3,379
Laser Weapon Technology.....	11,228	8,311	-2,917
Tank & Automotive Tech.....	25,711	21,591	-4,120
Chemical & Smoke Munitions.....	23,228	20,004	-3,224
Jt. Service Small Arms Prog.....	11,119	10,617	-502
Tact Teleprocessing Tech.....	26,894	24,275	-2,619
Mil Environ Criteria Dev.....	3,413	3,139	-274
Electronics & Elect. Devices.....	24,039	21,035	-3,004
Mapping/Geodesy.....	9,678	7,575	-2,103
Mobility & Wpns Effects Tech.....	14,879	13,324	-1,555
Manpower/Personnel/Train.....	4,730	3,520	-1,210
Computer & Info Science.....	2,574	2,144	-430
Cold Regions Engineer Tech.....	4,308	3,227	-1,081
Military Fac. Engineer Tech.....	5,764	5,215	-549
Mobility Equip Tech.....	15,914	15,506	-408
Tactical Software Tech.....	10,794	8,392	-2,402
Military Disease Hazards Tech.....	48,677	45,507	-3,170
Aircraft Weapons.....	10,349	6,549	-3,800
Rotary Wing Cont/Rotors/Struc.....	23,560	16,960	-6,600
Airdrop Advancement.....	4,547	3,726	-821
Army Dev and Employ Activity.....	11,411	9,772	-1,639
Ammunition Logistics.....	2,170	1,500	-670

[In thousands of dollars]

	Budget request	Committee recommended	Change from budget
Night Vision Adv Develop.....	29,080	26,692	- 2,388
Manpower & Personnel.....	14,204	6,696	- 7,508
Human Fac in Trng/Oper Effect.....	9,191	7,097	- 2,094
Training Simulation.....	6,618	4,620	- 1,998
Army Battlefield Tech Integ.....	12,385	11,510	- 875
CB Def/Smk Adv Tech Demon.....	7,484	2,984	- 4,500
Nonsys Medical Material Dev.....	19,492	14,074	- 5,418
Air Mobility Support.....	10,848	7,848	- 3,000
Airdrop Equipment Systems.....	1,256	1,000	- 256
Soldier Support/Survivability.....	4,722	4,392	- 330
Air Mobility Support Equip.....	4,418	2,506	- 1,912
Night Vision Devices.....	21,944	10,944	- 11,000
Combat Feed, Cloth, Equip.....	4,363	3,423	- 940
Kwajalein Missile Range.....	163,470	148,605	- 14,865
Support of Developmental Testing.....	50,444	47,194	- 3,250

AIRCRAFT POWER PLANTS AND PROPULSION

The Army requested \$20,365,000 for Aircraft Power Plants and Propulsion. The stated efforts in this program include an auxiliary power unit which the Army says has "potential application in the 21st century", a 5,000 shaft horsepower engine which contractors are supposed to finish in fiscal year 1986, and a new start on a 2,500 shaft horsepower engine. It appears to the Committee that too many different efforts are being pursued without known, documented requirements. The Committee recommends \$15,365,000 for Aircraft Power Plants and Propulsion, a reduction of \$5,000,000 from the budget request.

ROTARY WING CONTROLS/ROTORS/STRUCTURES

The Committee recommends \$16,960,000 for Rotary Wing Controls/Rotors/Structures, a reduction of \$6,600,000 from the budget request. Of the funds made available, \$1,000,000 shall be used to conduct a survivability/vulnerability study as part of ongoing work on a heavy-lift, hybrid airship. This work will evaluate flight characteristics, assess vulnerability and survivability, analyze overall potential productivity, and address operational applications of the cycloplane in a military environment.

TERMINALLY GUIDED PROJECTILES

The Army requested \$27,939,000 for Terminally Guided Projectiles, consisting of three new starts. A new laser designator is proposed, although the existing Ground Laser Locator Designator is still in production, and although the trend in weapons development is clearly away from laser guidance. A new fire-and-forget 155-millimeter projectile is proposed, although the Army already is developing SADARM, a fire-and-forget submunition to be carried by 155-millimeter projectiles and MLRS rockets. A new start on R&D related to Guidance and Control subsystems is again proposed, although the Committee specifically denied funds for this project last

year because work of this kind is funded in Manufacturing Methods and Technology. The Committee finds that none of these projects are justified, and recommends no funds for Terminally Guided Projectiles.

MISSILE AND ROCKET COMPONENTS

The Army requested \$37,881,000 for Missile and Rocket Components.

The request included \$5,000,000 for Fiber Optics Guidance. Last year, this technology was said to have potential as an anti-armor capability. Following the cancellation of DIVAD, it is now being put forward as an anti-helicopter capability. Last year, the Committee expressed great reservation about the anti-armor project, stating it "will provide no funds in future years without further concrete justification. That justification must include an independent evaluation of the probable costs, benefits and implications of fielding this technology, to include an analysis of the weapons and systems which will be eliminated if this technology is fielded, and a business plan which details the competitive development, under Army laboratory supervision, and the competitive procurement of this technology." Despite repeated inquiries, requests, reminders and exhortations to Army officials at all levels, the required justification has not been officially forwarded. The Committee finds this to be unacceptable, and denies funds for Fiber Optics Guidance.

The request included \$16,675,000 for Hypervelocity Missile, although last year the Army projected that no fiscal year 1987 funds would be required. The Committee recommends \$10,000,000 for Hypervelocity Missile, a sum nearly double the amount provided last year.

The request included \$12,219,000 for Multirole Survivable Radar. Last year, the Committee expressed support for this project, and is informed that satisfactory progress is being made. The Committee directs that Multirole Survivable Radar be funded at the budgeted amount of \$12,219,000.

The Committee recommends \$26,206,000 for Missile and Rocket Components, a reduction of \$11,675,000 from the budget request.

COMBAT VEHICLE TURRET AND CHASSIS SUBSYSTEMS

The Army requested \$18,895,000 for Combat Vehicle Turret and Chassis Subsystems. In recognition of fiscal restraints, the Committee recommends \$14,205,000.

This program funds the testing of alternative designs of tank track, and analyses of new rubber compounds for use in the treads. The Army Materials and Mechanics Research Center recently began an evaluation of a unique non-urethane-based synthetic rubber compound. Compared with existing tread material, this compound has superior mechanical properties, and has the potential to improve significantly track durability and service life. The Committee directs that the evaluation of this compound be carried out expeditiously, and that \$500,000 of the \$14,205,000 provided for Combat Vehicle Turret and Chassis Subsystems be used solely to fund that evaluation.

COMBAT VEHICLE ARMOR/ANTI-ARMOR

The Army requested \$9,411,000 for Combat Vehicle Armor/Anti-Armor. It appears to the Committee that some of the work to be funded duplicates efforts being carried on in other programs. The Committee recommends \$6,000,000 for Combat Vehicle Armor/Anti-Armor, a reduction of \$3,411,000 from the budget request.

SPECIAL PURPOSE DETECTORS

The Army requested \$2,961,000 for Special Purpose Detectors, for a new start on advanced development of a ground surveillance radar. Fiscal constraints require that this new start be deferred. The Committee recommends no funds for Special Purpose Detectors.

SURFACE-TO-SURFACE MISSILE ROCKET SYSTEM

The Army requested \$42,681,000 for Surface-to-Surface Missile Rocket System. The entire amount is for continuing the development of a Terminal Guidance Warhead (TGW) to be carried by MLRS rockets. Army documentation shows that MLRS-carried SADARM will perform substantially the same function as TGW, but will cost less and be ready sooner. The severe fiscal constraints which must be faced, both now and for some years in the future, dictate that such duplication be avoided. The Committee recommends that no funds be provided for TGW, and that the program be cancelled.

The Committee is aware that TGW is a joint program with several allied nations. The necessity for cancellation is therefore all the more regrettable. The Committee suggests that the Army explore the possibility of having those nations participate in the SADARM program.

WEAPONS AND AMMUNITION

The Army requested \$173,000 for Weapons and Ammunition. To that amount, the House Armed Services Committee added \$20,000,000 for development and test of a lightweight anti-armor munition launched from an unmodified M-16 rifle. If successful, this weapon could be of great operational utility to light and unconventional forces. The Committee recommends the authorized amount of \$20,173,000 for Weapons and Ammunition, and directs the Army to execute this lightweight anti-armor munition program expeditiously. Because rapid execution is required, and because of the potential for use by light and unconventional forces, the program should be executed by the Army Development and Employment Activity, with technical participation by the Missile Command and the Armament Research and Development Center.

ADVANCED ANTI-TANK WEAPON SYSTEM-MEDIUM

The Army requested \$48,735,000 for AASW-M. The Committee recommends the budgeted amount, subject to authorization. The Committee continues to be concerned at the Army's failure to field a modern effective man-portable anti-tank weapon. The Committee

directs that the AAWS-M competition be conducted with primary criteria to include operator survivability, insensitivity of the missile to counterfire directed at the operator, and life cycle cost including training rounds.

LANDMINE WARFARE/BARRIER SYSTEMS

The Army requested \$11,344,000 for Landmine Warfare/Barrier Systems, a program authorized at \$21,344,000. The Committee recommends the authorized amount, of which \$10,000,000 is for adapting Air Force ERAM technologies to Army applications.

LETHAL CHEMICAL MUNITIONS CONCEPTS

The Army requested \$25,307,000 for Lethal Chemical Munitions Concepts to develop a binary chemical warhead for the Multiple Launch Rocket System. Given the long delay in authorizing production of the 155mm binary projectile, a development which was completed many years ago, the Committee finds this additional development to be unjustified. The Committee recommends no funds for Lethal Chemical Munitions Concepts, a reduction of \$25,307,000 from the budget request.

LANDMINE AND BARRIER SYSTEMS

The Army requested \$10,477,000 for Landmine and Barrier Systems. The request includes funds for a new start on demolition technology components and concepts which the Committee recommends be deferred. The Committee recommends \$6,358,000 for Landmine and Barrier Systems, a reduction of \$4,119,000 from the budget request.

The Army deleted from its FY 1987 request all funding for the Robotic Obstacle Breaching Assault Tank (ROBAT) program, and has no further funding identified for the program in FY 1986. Testimony has been heard by the Committee about the serious deficiency in countermine operations for U.S. land forces. The Committee directs that within available RDT&E funds \$1,700,000 be used to complete testing and type classification of ROBAT. This work will be done under PE63619A, Landmine and Barrier Systems.

ARTILLERY AND MORTAR AMMUNITION

The Committee concurs in the denial of authorization for project DK83, Fire and Forget Common Infrared Seeker. A stated purpose for this new start is to produce yet another "smart" 155-millimeter projectile. Having decided that it wishes to pursue full scale development of SADARM for 155-millimeter and MLRS applications, the Army is ill advised to spend money, time and talent on other solutions to the same problem. The Committee expects that further refinement of the Anti-Armor Master Plan will help in eliminating such duplications in the future.

The Committee recommends the authorized amount of \$9,807,000 for Artillery and Mortar Ammunition, specifically deleting \$7,403,000 for project DK83.

ADVANCED ATTACK HELICOPTER

The Army requested \$12,931,000 for development of optical improvements for the Advanced Attack Helicopter (AH-64). The development program for that aircraft has been in existence for fourteen years, and has cost \$1.23 billion. The aircraft entered production in 1982. It is the opinion of the Committee that the time has come to call an end to AH-64 development. The Committee recommends no funds for Advanced Attack Helicopter, a reduction of \$12,931,000 from the budget request. Any remaining tasks which the Army can justify should be financed with existing funds.

MOBILITY

The Army requested \$47,828,000 for Mobility, to obtain prototype medium and heavy trucks for development and operational testing. The Committee finds that the need to develop new trucks is questionable, absent firm documented requirements. Pending receipt of the results of the vehicle requirements study directed in the Procurement section of this report, development funds are premature. Accordingly, the Committee recommends no funds for Mobility, a reduction of \$47,828,000 from the budget request.

INFANTRY SUPPORT WEAPONS

The Army requested \$26,044,000 for Infantry Support Weapons, for which the House Armed Services Committee provided an authorization of \$21,044,000. The Committee recommends the authorized amount.

This program includes an "in-house" effort by the Army to develop improved ammunition for the 120mm mortar. Such a development effort is necessary only if commercial proposals for such ammunition, submitted as part of the source selection process for the 120mm mortar, fail to meet Army requirements. Pending evaluation of the commercial bids, any in-house development effort is clearly premature, and therefore the Committee directs that no funds may be used for this purpose without prior notification to, and approval by, the Committee.

COUNTERMINES AND BARRIERS

The Army requested \$9,728,000 for Countermine and Barriers. The VEMASID project funded in this program was to have entered full scale engineering development in fiscal year 1986. The Committee is advised that schedule delays prevented that transition, with the result that excess fiscal year 1986 funds are available to finance fiscal year 1987 activities. The Committee recommends \$4,905,000 for Countermine and Barriers, a reduction of \$4,823,000 from the budget request, offset by a transfer of \$4,823,000 of fiscal year 1986 funds.

FIELD ARTILLERY AMMUNITION

The Army requested \$107,275,000 for Field Artillery Ammunition, of which \$99,839,000 is for engineering development of SADARM.

Last year the Committee, and subsequently the Committee of Conference, expressed a number of concerns and reservations about the SADARM program. It appears that the Army has moved to address some of those points, although several remain.

The technical maturity of SADARM and readiness to enter full scale engineering development (ED) remain to be seen. The Committee reiterates the direction of the Conference stated in House Report 99-450, page 240, that a program of well-instrumented gun firings of modified advanced development hardware be completed before the end of ED subsystem development and qualification, and that no funds be obligated or expended for materials required for the final phase of ED, system qualification in DT/OT II, until approved by the Committees on Appropriations of the House and Senate. Said modifications of ED hardware for testing should be the minimum necessary to simulate an ED configuration. Attempts to incorporate all known or proposed ED changes into this test hardware will delay unnecessarily the schedule for obtaining an adequate demonstration of proof of principle.

The eventual affordability of SADARM remains to be seen. In this regard, the Committee recognizes that commonality of parts for MLRS and 155mm submunitions is a sound method for obtaining lower costs. However, such commonality can be achieved only if the design efforts for the MLRS SADARM submunition and the 155mm projectile (submunition and thin-walled carrier) begin and run concurrently, and include a single set of requirements and design constraints for the common parts. Thus, the Committee directs that these design efforts be started simultaneously and run concurrently.

Last year, the Committee of Conference stated its insistence that the program schedule be structured realistically, and observed the necessity of supporting "at least two competing prime contractors *through* (emphasis supplied) development and into production". It appears that Army's current plan, which envisions having two contractors, does not adequately address the foregoing points. Specifically, the planned down-select thirty months after the start of ED allows insufficient time to fully analyze the result of the Chicken Little tests and to refine algorithms before hardware commitments are made. Near the end of DT II/OT II testing, the Army will have a much better data base from which to judge which of the competing concepts should be moved forward into production. Since both contractors will have produced DT II/OT II SADARM hardware, the Army will have two experienced producers positioned to compete for leader and follower roles. Because these benefits, in terms of schedule risk and eventual lower costs, outweigh any associated with a thirty month down-select, the Committee repeats the Conference directive that the Army carry two developers through to the end of full scale engineering development.

A review of the pace of the program to date, the number and complexity of the tasks to be accomplished, and the history of similar programs, shows clearly that the currently planned total development schedule of 48 months is unrealistic. The Committee finds that a 60 month period will lower schedule risk and lead to more sound technical and financial decisions. A longer schedule should not be viewed as a possible justification for staggering the start of

design efforts for MLRS and 155mm versions of SADARM; as stated above, those efforts are to be started simultaneously and run concurrently.

Last year, the Committee of Conference stated its recognition that its directives may add to the cost and duration of the development program. That continues to be the case. However, it also continues to be true that these increased costs are a prudent investment which will be recouped through lower procurement costs and lower technical and financial risks.

Because of delays in issuing the RFP, approximately half of the \$36,000,000 provided for SADARM development for fiscal year 1986 will be available for carry over into fiscal year 1987. Accordingly, the Committee recommends \$89,275,000 for Field Artillery Ammunition, of which \$81,839,000 is for SADARM. Consistent with the Conference position on fiscal year 1986 funding for SADARM, the Committee directs that no fiscal year 1987 funds be obligated or expended for materials required for the final phase of ED, system qualification in DT/OT II, until approved by the Committees on Appropriations of the House and Senate.

REMOTELY PILOTED VEHICLES

Consistent with its recommendation to provide partial funding for procurement of Aquila, the Committee recommends, subject to authorization, RDT&E funding of \$60,000,000, a reduction of \$31,880,000 from the budget request.

INFRARED TERMINALLY GUIDED SUBMUNITION

The Army requested \$27,114,000 for Infrared Terminally Guided Submunition. The Committee sees no justification for duplicating the capability being developed in the SADARM and other programs. The Committee recommends no funds for Infrared Terminally Guided Submunition. The Committee directs that the program be cancelled, and suggests that the Army examine the use of SADARM in the Tactical Missile System.

EQUIPMENT UPGRADE

The Army requested \$23,343,000 for Equipment Upgrade, a program for applying new technologies to increase the capabilities of existing weapons systems. The Committee is informed of impressive results in the recent past, and encourages further work in this area. The Committee recommends \$43,343,000 for Equipment Upgrade, subject to authorization.

ADVANCED FIELD ARTILLERY TACTICAL DATA SYSTEM

The Army requested \$40,444,000 for Advanced Field Artillery Tactical Data System (AFATDS). The Committee is aware of serious problems in the AFATDS program which have existed for a prolonged period, and which appear far from being resolved. Both the status of AFATDS and the validity of its underlying assumptions must be addressed before more funds are made available. Accordingly, the Committee recommends no funds for AFATDS, a reduction of \$40,444,000 from the budget request.

MAPPING AND GEODESY

The Army requested \$11,473,000 for the Mapping and Geodesy program. This program provides for the development of a generic automated survey device which would provide survey data for various weapon and weapon support systems. The bulk of the funds, \$11,198,000 are for a new start referred to as the Field Army Mapping System. The Committee is basically supportive of the program, but considering the need for budgetary restraint the Committee recommends a reduction of \$2,000,000 from the budget request.

JOINT TACTICAL FUSION PROGRAM

The Joint Tactical Fusion Program (JTFP) is a joint Army/Air Force effort to develop and deploy an automated fusion system to link intelligence sensors, processors, analytic centers and tactical decision makers. The fiscal year 1987 request includes funds for initial procurement of ASAS (and FSIC Modules) and accelerated development of the objective JTFP system.

The Committee has been, and continues to be, very supportive of the need for an intelligence fusion capability. However, the Committee continues to be concerned about various aspects of the program including cost, complexity and technical risk.

In a recent classified report, the General Accounting Office has raised a number of issues regarding the Joint Tactical Fusion Program. These issues include less costly approaches to the program, operational effectiveness, and program instability. In the documents supporting the fiscal year 1988 budget submission, the Army should include detailed responses as to how the fiscal year 1988 budget request addresses these issues raised by the GAO. Of special concern is the issue of communications connectivity from both sensors to the JTFP systems and from the JTFP systems to the ultimate users of the fused information.

The Committee has reduced the fiscal year 1987 budget request for the Joint Tactical Fusion Program. Details of the Committee's funding recommendations and additional comments on the program are included in the classified annex to this report.

The JTFP program office should keep the Committee advised of the results of the upcoming field testing of the AIM and FSIC modules and the Committee should receive periodic updates of the software development of the objective JTFP system.

PROGRAM-WIDE ACTIVITIES

AMC MAJOR RANGES AND TEST FACILITIES

REAL PROPERTY MAINTENANCE

BASE OPERATIONS

Until this year, Army funded the administration, operation and maintenance of its laboratories and test ranges in two accounts. The total funding for fiscal year 1986, after Gramm-Rudman reductions, was \$502,970,000. This year, the same functions are now funded in four accounts, budgeted for fiscal year 1987 at

\$670,770,000, for a 33.4 percent increase. The Committee finds so large an increase to be unjustified, and recommends a real growth of 5 percent, over the adjusted fiscal year 1986 funding. A pro rata allocation of the resulting reduction is as follows:

[In thousands of dollars]

Program	FY 1987 budget	Committee recommended	Change from budget
Program-wide Activities.....	\$85,484	\$68,732	—\$16,752
AMC Major Ranges and Test Facilities.....	207,799	167,771	— 40,028
Real Property Maintenance.....	174,536	140,711	— 33,825
Base Operations.....	202,951	163,982	— 38,969
Total.....	670,770	541,196	—129,574

HELICOPTER AIR-TO-AIR MISSILE

Pursuant to authorization action, the Committee recommends \$5,000,000 above the budget for Helicopter Air-to-Air Missile.

STINGER SYSTEM SAFEGUARD

The House Armed Services Committee authorized \$1,000,000 above the budget for Stinger System Safeguard. This initiative will adapt electronic circuit lockout technology for incorporation into the Stinger missile. This will provide the capability to render the weapon inoperable without entry of a predetermined code, and is therefore of great importance in addressing the threat of potential terrorist use of Stinger. The Committee recommends the addition of \$1,000,000 above the budget for Stinger System Safeguard as authorized, and directs that the Army implement, on a highly expedited basis, a NDI program to adapt and incorporate electronic circuit lockout technology into the Stinger missile. This problem is of such great significance that the Committee urges the Department to identify funds to begin initial production, following a successful demonstration of adaptation and incorporation.

Stinger has been singled out as the first and most obvious example of a weapon which requires additional protection. There are many others. The Committee directs that simultaneously with implementing a program for Stinger, the Department study and report on the requirements, schedules and costs of applying electronic circuit lockout technology to weapons, radios, vehicles and other equipment.

FIBER OPTICS GUIDED MISSILE

The House Armed Services Committee authorized, as a separate line item, \$83,313,000 for the Fiber Optics Guided Missile in an air defense application. In this section of the report, under Missile Components and Rockets, the Committee stated its displeasure with the Army's failure to provide documentation and justification of FOG-M. The Committee recommends the authorized amount of \$83,313,000, but directs that none of these funds be obligated or expended until the required documentation, directed in last year's

report, has been submitted, and responded to, by the Committee. The Committee directs that the required documentation be submitted not later than December 31, 1986.

PROTECTIVE MASKS

Acquisition of protective masks which meet requirements is a matter of high priority. The Department has advised the Committee that production problems with the new XM-40 have been resolved, and that a contract award by November 30, 1986 is planned for procurement of protective masks. Because competitive procurements should be made wherever possible, the Army should include the US-10 protective mask as a candidate in a competitive procurement.

INDUSTRIAL PREPAREDNESS

The Army requested \$29,105,000 for Industrial Preparedness. The Committee recommends the budgeted amount.

The Committee directs that within the funds provided, \$6,000,000 be used for conducting a demonstration of modern casting technology in the production of selected artillery and mortar projectiles. The demonstration should be sufficiently comprehensive to validate the opportunity for reduced costs in volume production. Successful application of this technology could significantly lower funding levels for future ammunition procurements. Upon completion, program results will be reported to the Committee.

CLASSIFIED PROGRAMS

The Committee recommends reductions of \$207,955,000 in classified programs for reasons explained in the classified annex to this report, and in a classified letter to Secretary of Defense.

PROGRAM SUMMARY

The following schedule shows the budget estimate, the recommended appropriation, and the change from the budget estimate for fiscal year 1987:

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
RESEARCH DEVELOPMENT TEST + EVAL. ARMY			
TECHNOLOGY BASE			
IN-HOUSE LAB INDEPENDENT RESEARCH	19,020	17,153	-1,867
DEFENSE RESEARCH SCIENCES	212,394	193,682	-18,912
UNIVERSITY RESEARCH INITIATIVES	12,380	12,380	---
MATERIALS	16,346	14,215	-2,131
ATMOSPHERIC INVESTIGATIONS	11,563	9,243	-2,320
NUCLEAR WEAPONS EFFECTS/FLUIDICS	47,797	37,678	-10,119
AIRCRAFT WEAPONS TECHNOLOGY	1,416	1,416	---
AIRCRAFT AVIONICS TECHNOLOGY	11,102	10,812	-290
AERONAUTICAL TECHNOLOGY	34,814	34,814	---
AIRDROP TECHNOLOGY	2,900	1,720	-1,180
MISSILE TECHNOLOGY	24,587	21,208	-3,379
LASER WEAPON TECHNOLOGY	11,228	8,311	-2,917
TANK AND AUTOMOTIVE TECHNOLOGY	25,711	21,591	-4,120
BALLISTICS TECHNOLOGY	46,155	46,155	---
CHEMICAL AND SMOKE MUNITIONS	23,228	20,004	-3,224
JOINT SERVICE SMALL ARMS PROGRAM	11,119	10,617	-502
WEAPONS & MUNITIONS TECHNOLOGY	28,663	23,663	-5,000
TACTICAL TELEPROCESSING TECHNOLOGY	26,894	24,275	-2,619
COMBAT SURVEILL TARGET ACQUIS & IDENT	7,766	7,766	---
MIL ENVIRONMENTAL CRITERIA DEV	3,413	3,139	-274
ELECTRONICS AND ELECTRONIC DEVICES	24,039	21,035	-3,004
CHEM BIOLOGICAL DEF / GEN INVEST	39,656	39,656	---
MAPPING - GEODESY	9,678	7,575	-2,103
NIGHT VISION INVESTIGATIONS	28,056	28,056	---
HUMAN FACTORS ENG SYS DEV	17,811	17,811	---
HUMAN PERFORMANCE EFFECT/SIMULATION	13,113	13,113	---
MOBILITY AND WEAPONS EFFECTS TECH	14,879	13,324	-1,555
ENVIRONMENTAL QUALITY TECH	8,760	8,760	---
MANPOWER/PERSONNEL/TRAINING	4,730	3,520	-1,210
CLOTHING EQUIP AND SHELTER TECH	18,012	15,012	-3,000
JT SVC FOOD SYS TECH	5,162	3,662	-1,500
COMPUTER AND INFORMATION SCIENCE	2,574	2,144	-430
NON-SYSTEM TRAINING DEVICES	4,397	4,397	---
COLD REGIONS ENGINEERING TECHNOLOGY	4,308	3,227	-1,081
MILITARY FACILITIES ENGINEERING TECHNOLOGY	5,764	5,215	-549
MOBILITY EQUIPMENT TECHNOLOGY	15,914	15,506	-408
MED DEFENSE AGAINST CHEM AGENTS	34,613	34,613	---
TACTICAL SOFTWARE TECHNOLOGY	10,794	8,392	-2,402
MILITARY DISEASE HAZARDS TECH	48,677	45,507	-3,170
COMBAT CASUALTY CARE TECH	10,376	10,376	---
COMBAT MAXILLOFACIAL INJURY	2,813	2,813	---
SYSTEMS HEALTH HAZARD PREVENT TECH	22,223	22,223	---
ENERGY TECH APPL FOR MILITARY FACIL	2,035	2,035	---
CLASSIFIED PROGRAMS	18,837	18,837	---
TOTAL, TECHNOLOGY BASE	945,917	866,651	-79,266
ADVANCE TECHNOLOGY DEVELOPMENT			
MATERIELS AND STRUCTURES	20,154	18,054	-2,100
FUELS AND LUBRICANTS	3,527	3,527	---
AIRCRAFT POWER PLANTS AND PROPULSION	20,365	15,265	-5,000
AIRCRAFT WEAPONS	10,349	6,549	-3,800
AIRCRAFT AVIONICS EQUIPMENT	4,408	4,408	---
ROTARY WING CONTROLS/ROTORS/STRUCTURES	23,560	16,960	-6,600

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
SYNTHETIC FLIGHT SIMULATOR DEVELOPMENT.....	11,126	11,126	---
AIRDROP ADVANCEMENT.....	4,547	3,726	-821
NOE AVIATION AND NAVIGATION EQUIPMENT.....	2,370	2,370	---
OPERATIONAL ENHANCEMENTS.....	2,637	---	-2,637
TERMINALLY GUIDED PROJECTILES.....	27,939	---	-27,939
MSL/ROCKET COMPONENTS.....	37,881	26,206	-11,675
BATTLEFIELD ENVIRONMENT SIMULATION.....	7,083	4,083	-3,000
ARMY DEVELOPMENT AND EMPLOYMENT ACTIVITY.....	11,411	9,772	-1,639
ADVANCED LAND MOB SYSTEMS CONCEPTS.....	10,890	10,890	---
LANDMINE WARFARE/BARRIER DEV.....	11,344	21,344	+10,000
JOINT SERVICE SMALL ARMS PROGRAM.....	9,480	7,480	-2,000
COMBAT VEHICLE PROPULSION SYS.....	9,766	9,766	---
CMBT VEH TURRET AND CHASSIS SUBSYS.....	18,895	14,205	-4,690
COMBAT VEHICLE ARMOR/ANTI-ARMOR.....	9,411	6,000	-3,411
ADV PROPULSION/LAUNCH SYS FOR MUN.....	5,887	5,887	---
NUCLEAR VULNERABILITY ADV TECHNOLOGY.....	6,614	---	-6,614
AMMUNITION LOGISTICS.....	2,170	1,500	-670
NIGHT VISION ADVANCED DEVELOPMENT.....	29,080	26,692	-2,388
SPECIAL PURPOSE DETECTORS.....	2,961	---	-2,961
TACTICAL C4 TECHNOLOGY INTEGRATION.....	13,335	13,335	---
SPACE TECHNOLOGY INTEGRATION.....	987	---	-987
MANPOWER AND PERSONNEL.....	14,204	6,696	-7,508
ENGINEERING SYSTEMS.....	5,393	5,393	---
HUMAN FACTORS ENGINEERING APPLICATIONS.....	2,458	---	-2,458
HUMAN FACTORS IN TNG/OPER EFFECT.....	9,191	7,097	-2,094
ADV ELECTRONIC DEVICES DEV.....	5,537	---	-5,537
EDUCATION AND TRAINING.....	7,033	7,033	---
TRAINING SIMULATION.....	6,618	4,620	-1,998
TEST MEASUREMENT & DIAGNOSTIC EQUIPMENT DEVEL.....	7,174	7,174	---
TECHNICAL VULNERABILITY REDUCTION.....	3,300	3,300	---
ARMY BATTLEFIELD TECHNOLOGY INTEGRATION.....	12,385	11,510	-875
CB DEF/SNK ADV TECHNOLOGY DEMONSTRATIONS.....	7,484	2,984	-4,500
NONSYSTEMS MEDICAL MATERIAL DEVELOPMENT.....	19,492	14,074	-5,418
MEDICAL CHEMICAL DEFENSE LIFE SUPPORT.....	17,390	17,390	---
ADVANCED TACTICAL COMMUNICATIONS TECHNOLOGY.....	1,461	---	-1,461
ADV TACTICAL COMPUTER SCIENCE & TECHNOLOGY.....	13,674	10,674	-3,000
BATTLEFIELD SUSTAINMENT.....	3,342	---	-3,342
CLASSIFIED PROGRAMS.....	33,721	15,803	-17,918
TOTAL, ADVANCE TECHNOLOGY DEVELOPMENT.....	488,034	352,993	-135,041
STRATEGIC PROGRAMS			
WORLDWIDE MILITARY CMD&CNT SYS INF SYS.....	29,557	29,557	---
CLASSIFIED PROGRAMS.....	249,430	194,610	-54,820
TOTAL, STRATEGIC PROGRAMS.....	278,987	224,167	-54,820
TACTICAL PROGRAMS			
AIR MOBILITY SUPPORT.....	10,848	7,848	-3,000
JOINT SURVIVABILITY INVESTIGATIONS.....	735	735	---
ADVANCED ROTOCRAFT TECHNOLOGY INTEGRATION/LHX.....	44,420	40,000	-4,420
AIRDROP EQUIPMENT SYSTEMS.....	1,256	1,000	-256
ANTI-TACTICAL MISSILE SYSTEM.....	38,635	---	-38,635
SURF-TO-SURF MSL ROCKET SYS.....	42,681	---	-42,681
LIGHT WEIGHT AIR DEFENSE SYSTEM.....	21,717	---	-21,717
WEAPONS AND AMMUNITION.....	173	20,173	+20,000
ADVANCED ANTI-TANK WEAPON SYSTEM (MEDIUM).....	48,735	48,735	---

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
LETHAL CHEMICAL MUNITIONS CONCEPTS.....	25.307	---	-25.307
LANDMINE/BARRIER SYS.....	10.477	6.358	-4.119
SMOKE MUNITIONS AND MATERIEL CONCEPTS.....	3.189	2.589	-600
ARTILLERY/MORTAR AMMO DEVELOPMENT.....	17.210	9.807	-7.403
ELECTRIC POWER SOURCES.....	8.017	5.017	-3.000
PHYSICAL SECURITY.....	2.339	2.339	---
IDENTIFICATION-FRIEND OR FOE DEVELOPMENTS.....	20.373	20.373	---
COMMUNICATIONS DEVELOPMENT.....	2.673	2.673	---
AIRCRAFT SURVIVABILITY EQUIPMENT.....	4.588	---	-4.588
ARMY DATA DISTRIBUTION SYSTEM.....	42.122	37.122	-5.000
ELECT W/FR VULNERABILITY/SUCEPTIBILITY.....	16.912	---	-16.912
CHEM BIO PROTECTIVE MATERIEL CONCEPTS.....	8.045	8.045	---
REMOTELY PILOTED VEHICLES/DRONES.....	4.917	4.917	---
COMBAT SUPPORT EQUIPMENT.....	24.285	22.285	-2.000
COMBAT MEDICAL MATERIEL.....	8.189	8.189	---
SHORT RANGE AIR DEFENSE COMMAND AND CONTROL.....	16.189	---	-16.189
SOLDIER SUPPORT/SURVIVABILITY.....	4.722	4.392	-330
DRUG AND VACCINE DEVELOPMENT.....	17.077	17.077	---
MEDICAL DEFENSE AGAINST CHEM WARFARE.....	26.449	26.449	---
AIR DEFENSE ALTERNATIVES.....	103.944	---	-103.944
COMBAT SERVICE SUPPORT CONTROL SYS.....	4.608	1.000	-3.608
NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT.....	3.307	3.307	---
AIR MOBILITY SUPPORT EQUIPMENT.....	4.418	2.506	-1.912
ADVANCED ATTACK HELICOPTER.....	12.931	---	-12.931
AIRCRAFT PROPULSION SYSTEMS.....	111.301	106.301	-5.000
SYNTHETIC FLIGHT TRAINING SYSTEMS.....	10.680	10.680	---
AIRDROP EQUIP DEVELOPMENT.....	3.281	3.281	---
STINGER.....	6.252	6.252	---
GRASS BLADE.....	6.698	---	-6.698
JOINT TACTICAL MISSILE SYSTEM-ARMY (JTACMS-A).....	88.197	88.197	---
INFANTRY SUPPORT WEAPONS.....	26.044	21.044	-5.000
MOBILITY.....	47.828	---	-47.828
SMOKE MUNITIONS & MATERIEL.....	7.892	7.892	---
COUNTERMINE AND BARRIERS.....	9.728	4.905	-4.823
COUNTERMINE AND BARRIERS (BY TRANSFER).....	---	(4.823)	(+4.823)
LANDMINE WARFARE.....	16.755	9.876	-6.879
MIAI DEVELOPMENT PROGRAM.....	3.798	3.798	---
FIELD ARTILLERY AMMUNITION.....	107.275	89.275	-18.000
FIELD ARTILLERY AMMUNITION (BY TRANSFER).....	---	(18.000)	(+18.000)
COMM ENGINEERING DEV.....	6.473	5.473	-1.000
MODULAR INTEGRATED COMM AND NAVIGATION SYS.....	8.224	---	-8.224
IDENTIFICATION FRIEND OR FOE EQUIPMENT DEV.....	9.871	---	-9.871
NIGHT VISION DEVICES.....	21.944	10.944	-11.000
AIRCRAFT SURVIVABILITY EQUIPMENT.....	19.934	19.934	---
ARMY COMMAND AND CONTROL SYSTEMS ENGINEERING.....	6.113	6.113	---
COMBAT FEEDING, CLOTHING AND EQUIPMENT.....	4.363	3.423	-940
TACTICAL ELECTRICAL POWER SOURCES.....	6.449	6.449	---
GENERAL COMBAT SUPPORT.....	11.538	11.538	---
PHYSICAL SECURITY.....	1.216	7.216	+6.000
EDUCATION AND TRAINING.....	4.378	4.378	---
SPECIAL PURPOSE DETECTORS.....	1.181	1.181	---
CHEM/BIO DETECTION WARNING & TRAINING MATERIEL.....	31.427	31.427	---
CHEM BIO PROTECTIVE MATERIEL.....	10.550	3.000	-7.550
COMMAND AND CONTROL.....	548	548	---
REMOTELY PILOTED VEHICLES.....	91.880	60.000	-31.880
INFRARED TERMINALLY GUIDED SUBMUNITION.....	27.114	---	-27.114
DIVISION AIR DEFENSE COMMAND AND CONTROL.....	82.065	30.000	-52.065
AUTOMATIC TEST EQUIPMENT DEVELOPMENT.....	12.325	12.325	---
SINGLE CHAN GND & ABN RADIO SYS (SINCGARS) ED.....	13.922	13.922	---
MEDICAL CHEMICAL DEFENSE LIFE SPT MAT.....	9.204	9.204	---
DRUG AND VACCINE DEVELOPMENT.....	10.563	10.563	---

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
JOINT SURVEILLANCE/TARGET ATTACK RADAR SYSTEM.....	27,882	27,882	---
JT INTEROP OF TAC CMD & COMT SYS (JINTACCS).....	7,719	7,719	---
JT CB POINT OF CONTACT, TEST AND ASSESSMENT.....	6,249	6,249	---
HV ANTI-TANK ASSAULT WPN SYS (TOW).....	12,468	5,000	-7,468
ADV FIELD ARTILLERY TACTICAL DATA SYSTEM.....	40,444	---	-40,444
CHAPARRAL.....	5,627	5,627	---
SAM HAWK/HAWK IMP PROG.....	10,633	10,633	---
COMBAT VEHICLE IMPROVEMENT PROGRAM.....	79,203	50,000	-29,203
AN/TSQ-73 MODIFICATIONS.....	9,671	9,671	---
MANEUVER CONTROL SYSTEM.....	9,401	9,401	---
155MM.....	35,726	35,726	---
EQUIPMENT UPGRADE.....	23,343	43,343	+20,000
PATRIOT PRODUCT IMPROVEMENT PROGRAM.....	40,221	---	-40,221
HELLFIRE PRODUCT IMPROVEMENT PROGRAM.....	11,947	5,000	-6,947
SPECIAL OPERATIONS FORCES (SOF) EQUIPMENT.....	31,242	31,242	---
AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM.....	14,592	13,592	-1,000
JOINT TACTICAL COMMO PROGRAM (TRITAC).....	17,401	15,401	-2,000
EUCOM C3 SYSTEMS.....	1,078	1,078	---
CLASSIFIED PROGRAMS.....	616,824	481,607	-135,217
TOTAL, TACTICAL PROGRAMS.....	2,440,170	1,661,246	-778,924
INTELLIGENCE & COMMUNICATIONS			
LONG-HAUL COMMUNICATIONS (DCS).....	2,684	2,684	---
SATCOM GROUND ENVIRONMENT.....	94,478	79,478	-15,000
COMMUNICATIONS SECURITY (COMSEC).....	7,280	7,280	---
AIRCRAFT AVIONICS.....	2,493	2,493	---
MAPPING AND GEODESY.....	11,473	9,473	-2,000
NAVSTAR GLOBAL POS SYS (USER EQ).....	4,719	4,719	---
CLASSIFIED PROGRAMS.....	7,293	7,293	---
TOTAL, INTELLIGENCE & COMMUNICATIONS.....	130,420	113,420	-17,000
DEFENSEWIDE MISSION SUPPORT			
TARGET MISSILES.....	9,731	7,731	-2,000
NONSYSTEMS TRAINING DEVICES (NSTD) DEV.....	3,869	3,869	---
NATO RESEARCH AND DEVELOPMENT.....	49,356	---	-49,356
NON-SYSTEM TNG DEVICES ENGR.....	46,260	43,260	-3,000
METEOROLOGICAL EQUIPMENT AND SYSTEMS.....	1,207	1,207	---
AVIATION ENGINEERING FLIGHT ACTIVITY.....	13,217	12,217	-1,000
KWAJALEIN MISSILE RANGE.....	163,470	148,605	-14,865
SUPPORT OF DEVELOPMENT TESTING.....	50,444	47,194	-3,250
MATERIEL SYSTEMS ANALYSIS.....	16,966	15,966	-1,000
EXPLOITATION OF FOREIGN ITEMS.....	3,984	3,984	---
SUPPORT OF OPERATIONAL TESTING.....	55,745	55,745	---
THREAT SIMULATORS FOR TESTING.....	34,279	34,279	---
NUCLEAR SURVIVABILITY TESTING & ANALYSIS.....	3,950	---	-3,950
PROGRAM-WIDE ACTIVITIES.....	85,484	68,732	-16,752
INTL COOPERATIVE RESEARCH AND DEV.....	977	---	-977
TECHNICAL INFO ACTIVITIES.....	6,772	6,772	---
APC MAJOR RANGES AND TEST FACILITIES.....	207,799	167,771	-40,028
MUNITIONS STANDARDIZATION EFFECTIVENESS & SAFETY.....	11,610	10,610	-1,000
DOD HIGH ENERGY LASER SYSTEMS TEST FAC.....	20,729	20,729	---
RDTE SUPPORT FOR NON-DEVELOPMENTAL ITEMS.....	9,194	9,194	---
PRODUCTIVITY INVESTMENTS.....	53,893	43,893	-10,000
REAL PROPERTY MAINTENANCE (RDTE).....	174,536	140,711	-33,825
BASE OPERATIONS (RDTE).....	202,951	163,982	-38,969

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
NCT HQ (RESEARCH/DEVELOPMENT).....	11,244	11,244	---
INDUSTRIAL PREPAREDNESS.....	29,105	29,105	---
TOTAL, DEFENSEWIDE MISSION SUPPORT.....	1,266,772	1,046,800	-219,972
CONVENTIONAL DEFENSE INITIATIVES			
COMBAT VEHICLE DIESEL ENGINE.....	---	9,000	+9,000
GUARD/RESERVE UNIQUE R&D.....	---	5,000	+5,000
LIGHT ARMORED VEHICLE/WEASEL EVALUATION.....	---	10,000	+10,000
MINI FLAIL WHEELED VEHICLE.....	---	10,000	+10,000
GROUND LAUNCHED HELLFIRE.....	---	2,000	+2,000
STINGER SYSTEM SAFEGUARD.....	---	1,000	+1,000
NATO COOPERATIVE R&D.....	---	31,000	+31,000
TACTICAL RPV EVALUATION.....	---	10,000	+10,000
FIBER OPTICS GUIDED MISSILES.....	---	83,313	+83,313
QUIET GENERATORS.....	---	5,000	+5,000
HELICOPTER AIR TO AIR MISSILE.....	---	5,000	+5,000
CLOSE IN AIR DEFENSE.....	---	10,000	+10,000
MILAN II EVALUATION.....	---	20,000	+20,000
TOTAL, CONVENTIONAL DEFENSE INITIATIVES.....	---	201,313	+201,313
COOPERATIVE DOD/VA MEDICAL RESEARCH.....	---	10,000	+10,000
GENERAL REDUCTION.....	---	-40,000	-40,000
PRIOR YEAR FUEL SAVINGS.....	---	-830	-830
FY 87 FUEL SAVINGS.....	---	-9,100	-9,100
TOTAL, RESEARCH DEVELOPMENT TEST & EVAL, ARMY.....	5,550,300	4,426,660	-1,123,640
TRANSFER FROM OTHER ACCOUNTS.....	---	(22,823)	(+22,823)
TOTAL FUNDING AVAILABLE.....	5,550,300	4,449,483	-1,100,817

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY

Appropriations, 1986.....	\$10,065,239,000
Adjusted Base, 1986.....	9,572,042,000
New Obligational Authority, 1987:	
Estimate.....	10,586,800,000
Recommended.....	8,640,727,000
Decrease.....	1,946,073,000
Total Recommended in the Bill.....	¹ 8,669,777,000

¹ Includes \$8,640,727,000 in new obligational authority and in addition \$29,050,000 in prior year unobligated balances to be derived by transfer from "Research, Development, Test and Evaluation, Navy, 1986/1987."

This appropriation funds the Research, Development, Test and Evaluation activities of the Navy and Marine Corps.

AUTHORIZATION CHANGES

The Committee recommends the following changes in the budget estimate, in accordance with authorization action:

(8000)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
RESEARCH DEVELOPMENT TEST & EVAL. NAVY			
AAM/ASUN TECHNOLOGY.....	75,244	60,000	-15,244
ELECTRONIC WARFARE TECHNOLOGY.....	13,946	---	-13,946
SURFACE SHIP TECHNOLOGY.....	13,515	---	-13,515
AIRCRAFT TECHNOLOGY.....	21,111	20,000	-1,111
ASW TECHNOLOGY.....	90,060	80,000	-10,060
NUCLEAR PROPULSION.....	43,878	33,000	-10,878
ADV A/C SUB SYSTEMS.....	7,944	5,978	-1,966
ERASE SYS TECH.....	6,486	8,986	+2,500
SHIP PROPULSION SYSTEM.....	22,474	---	-22,474
GENERIC LOGISTICS R&D TECH DEMO.....	21,236	10,000	-11,236
NAVY LOGISTICS PRODUCTIVITY.....	934	---	-934
SATELLITE LASER COMM.....	5,875	15,875	+10,000
TRIDENT II.....	1,632,866	1,500,000	-132,866
FLT BALLSTC MIS SYS.....	40,222	25,000	-15,222
TRIDENT.....	51,783	41,000	-10,783
EXTREME LOW FREQ COMM.....	18,296	8,000	-10,296
WIS MODERNIZATION.....	21,610	7,177	-14,433
ELECT W/F ADV: DEV.....	39,294	---	-39,294
AIRCRAFT SYSTEMS.....	5,547	---	-5,547
AIR ASW.....	9,131	5,631	-3,500
A-6F.....	143,256	130,000	-13,256
TAC AIR RECON.....	18,042	14,042	-4,000
NAVAL AIRSHIP.....	9,834	---	-9,834
IRR MAVERICK.....	245	---	-245
ADV AIR-AIR SURF-AIR MSL.....	79,728	---	-79,728
LOW COST ANTI-RADIATION SEEKER.....	14,704	39,704	+25,000
BGAAMC.....	13,746	7,000	-6,746
SURFACE COM.....	22,678	17,678	-5,000
LINK DOGWOOD.....	3,931	1,000	-2,931
SURFACE ASW.....	23,168	11,584	-11,584
SHIP DEVELOPMENT.....	21,606	14,000	-7,606
SURFACE SHIP NAVSYS.....	6,678	---	-6,678
ATTACK SUBMARINE DEV.....	3,931	---	-3,931
COMBAT SYS INTEGRATION.....	24,051	---	-24,051
JOINT ADVANCED SYSTEMS.....	78,680	---	-78,680
ALMT (ADV).....	7,434	---	-7,434
MC GRD COMBAT/SPT SYS.....	18,249	15,249	-3,000
COMMAND AND CONTROL SYS.....	36,525	31,525	-5,000
MERSHIP NAV AUX PROG.....	6,014	3,014	-3,000
LINK LAUREL.....	47,088	5,488	-41,600
LINK SPRUCE.....	94,272	---	-94,272
STANDARD AVIONICS DEVELOPMENT.....	19,432	2,740	-16,692
AV-8B AIRCRAFT (ENG).....	48,639	64,639	+16,000
F-3 MODERNIZATION PROG.....	96,877	77,210	-19,667
AWH EW ENG.....	55,973	---	-55,973
ASPJ.....	19,947	---	-19,947
EW SIMULATOR DEVELOPMENT.....	51,896	---	-51,896
C/MH-53E.....	3,464	1,611	-1,853

(\$000)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
V-22.....	386,871	340,000	-46,871
ACFT ENGINE COMPMNT IMP.....	65,183	60,000	-5,183
GENERAL REDUCTION.....	---	-7,808	-7,808
NATO SEA SPARROW.....	7,745	---	-7,745
SM-2 (N).....	9,229	---	-9,229
3 IN. ROLLING AIR FM MSLE.....	24,210	---	-24,210
SUBMARINE COMMUNICATIONS.....	25,979	7,377	-18,602
PMSP.....	180,345	96,345	-84,000
SUB SPT EQUIP PROG.....	32,265	17,265	-15,000
SHIPBO ELEC WARFA IMPRV.....	51,932	---	-51,932
STD EMBEDDED COMPUTER RSACS.....	32,469	---	-32,469
NAVAL CUMMINT IMPROVEMENT.....	17,428	12,000	-5,428
SAL CP/EO SENS DEV.....	21,156	---	-21,156
INITIAL TRAINERS ACQUISITION.....	84,621	---	-84,621
SURF ASW SYS IMP.....	36,860	18,430	-18,430
P/A-16 SQUADRONS.....	59,093	35,000	-24,093
FLEET TCC (TAC).....	63,733	44,898	-18,835
EW READINESS SUPPORT.....	4,421	---	-4,421
COUNTER C3 DEV.....	23,952	---	-23,952
WARM IMPROVEMENTS.....	3,931	---	-3,931
TACTICAL INFO SYS.....	48,071	15,000	-33,071
ASW CMNT SYS INTEGRATION.....	17,409	10,000	-7,409
ACFT EQ RELIABILITY/MAINT PROG.....	8,846	2,057	-6,789
F-14 UPGRADE.....	268,421	240,000	-28,421
EW COUNTER RESPONSE.....	69,708	---	-69,708
MC INTEL/ELEC WAR SYS.....	24,822	18,822	-6,000
MC CMD/CNTL/COMM SYS.....	39,925	26,169	-13,756
NATO COOPERATIVE.....	49,091	---	-49,091
TARGET SYS DEV.....	111,690	90,000	-21,690
ROUTE LAB/PAC MCT SPT.....	54,974	50,000	-4,974
DEF METEOR SATL PROG.....	49,040	39,040	-10,000
NATO COOPERATIVE.....	---	30,000	30,000
SMALL ROTARY ENGINE, RPV.....	---	1,000	1,000
INTEGRATED PLATFORM COMM DEVEL.....	---	69,021	69,021
PRIOR YEAR FUEL SAVINGS.....	---	-72	-72
PY 87 FUEL SAVINGS.....	---	-800	-800
COOPERATIVE DOD/VA MEDICAL RESEARCH.....	---	10,000	10,000
FLOATING BEAM AVIONICS RACK.....	---	10,000	10,000
V-22 ENGINE TECH.....	---	40,000	40,000

COMMITTEE RECOMMENDATIONS

PROGRAM FUNDING ADJUSTMENTS

The budget request included amounts for some programs which exceeded by unjustifiably large margins the amounts provided for fiscal year 1986. The Committee accordingly recommends the following reductions:

(In thousands of dollars)

	Budget request	Committee recommended	Change from budget
Defense Research Sciences.....	\$349,853	\$340,241	-\$9,612
Marine Corps Air-Ground Tech.....	17,628	15,081	-2,547
Human Factors Engineering.....	3,964	2,000	-1,964
Medical Development.....	16,700	10,535	-6,165
Manpower and Personnel Systems.....	6,658	2,600	-4,058
SSBN Security Technology.....	54,739	50,000	-4,739
Ar-Ocean Tactical Applications.....	7,522	6,550	-972
Airborne Life Support Systems.....	4,377	4,100	-277
Aircraft Surviv and Vulnerability.....	19,054	15,000	-4,054
Conventional Munitions.....	40,882	35,000	-5,882
Ocean Eng Tech Development.....	16,373	14,224	-2,149
NOCS SEA.....	12,599	6,300	-6,299
EM Spectrum Control.....	5,873	2,937	-2,936
Management and Tech Support.....	14,296	8,400	-5,896

(in thousands of dollars)

	Budget request	Committee recommended	Change from budget
Pers Train/Simulation/Human Factors	6,823	3,575	-3,248
Studies & Analysis Support-Navy	8,031	3,785	-4,246

In addition, the budget request included amounts for some programs which exceeded by unjustifiably large amounts, or for inadequately justified new projects, the fiscal year 1987 amounts forecast in the fiscal year 1986 budget. The Committee accordingly recommends the following reductions:

(in thousands of dollars)

	Budget request	Committee recommended	Change from budget
Tactical Space Operations	\$22,506	\$16,000	-\$6,506
CV 12 ASW Helo	8,062	2,800	-5,262
A-6 Squadrons	13,820	4,077	-9,743

UNPRICED CONTRACTS

The increasing use of unpriced contracts is of concern to the DoD and to this Committee because there is less incentive for cost control as well as a history of excess appropriation and obligation of funds when contracts remain unpriced (undefinitized) for a long period of time. For example, in a December 1985 Naval Audit Service review, \$63,000,000 (34 percent) of the audit sample remained unpriced even after the work was 80 to 100 percent complete. The auditors concluded that the contractor's profit margin may have been too high, and that cost control was diminished.

Unpriced orders, most commonly in the form of letter contracts, are frequently used in research and development programs. The Navy uses letter contracts for RDT&E work to a far greater extent than the other services: Navy has obligated \$1.4 billion in existing RDT&E letter contracts; comparable figures for the Army and Air Force are \$28,000,000 and \$66,000,000, respectively. The Committee notes that several programs which the Navy has claimed are under *fixed* price contracts, and which were therefore exempted from Gramm Rudman-Hollings reductions, are in fact being conducted under *unpriced* letter contracts, and that most of these contracts remained unpriced far in excess of the maximum 180 days allowed under current regulations. Although the Navy stated in testimony this year that "you would completely disrupt the whole structure if you started to cut fixed-price contracts," definitization of two such contracts in June 1986 resulted in contract savings which are now available for other uses. In these two cases, the Navy protected excess funds from Gramm-Rudman-Hollings reductions due to the delay in contract definitization.

The Committee is concerned about this issue, and directs the Navy to expeditiously definitize these contracts. The Navy is also

to develop and submit to the Committee by April 1, 1987 a Plan of Action and Milestones for the overall reduction of unpriced orders executed with RDT&E funds.

ANTI-SUBMARINE WARFARE PROGRAM MANAGEMENT

ASW MASTER PLAN AND INVESTMENT STRATEGY

The Navy has requested \$1,982,200,000 for Anti-Submarine Warfare (ASW) RDT&E activities in fiscal year 1987. This figure has doubled in only 6 years. Despite these large and continuing increases, however, the Navy testified this year that they had not yet identified their ASW priorities, and that the Navy is "still coming to grips with the investment strategy" for ASW.

The Committee finds this situation totally unacceptable. ASW is unquestionably one of the Navy's most vital missions. It is therefore *essential* that investment in this area be focused on high priority areas, and that these priorities be explained in detail to the Congress. The Committee therefore directs the Navy to develop and submit to the Committee, by April 1, 1987, a detailed ASW Master Plan and Investment Strategy. This plan should form the basis for the fiscal year 1988 budget request, and it is the Committee's intent that this plan be updated annually. The plan must address acquisition plans, costs, and schedules for air, surface, and subsurface ASW programs for both RDT&E and procurement, and must include an annex for special access programs.

ASW TEST AND EVALUATION CAPABILITY

The Committee continues to be concerned over the Navy's ASW test and evaluation capability. A recent GAO report highlighted serious deficiencies in this area, and the Committee encourages the Navy to implement the recommendations of that report. To that same end, the Committee has recommended full funding in fiscal year 1987 for the FASTMATT target and Atlantic Undersea Test and Evaluation Center (AUTECE) Range improvement and modernization projects. The Committee also believes the Navy should complete its Plan of Action and Milestones for implementing recommendations made in the Underwater Range Requirements Study in time for this data to be used in the January 1988 AUTECE lease review.

STAFFING LEVELS AT SUBMARINE COMBAT SYSTEMS PROGRAM OFFICES

In December 1985, the Secretary of Defense wrote the Committee that certain fiscal year 1986 reductions pending in the appropriations process would delay submarine deliveries and lead to increased program costs. Based on these concerns, most of that funding was restored in the appropriations conference.

Considering the stated high priority for these programs, the Committee was disturbed to receive testimony this year that "a ceiling cut directed by higher authority resulted in a reduction in the ceiling (civilian) resources applied to SSN combat systems development, from a high of approximately 75 in September 1985 to 58 in April 1986." To date, two-thirds of the planned civilian positions in the SUBACS and FY 1989 Combat System program offices

remain unfilled, including critical positions in the area of budgeting, financial management, and ILS planning. The Navy is expected in the future to provide staff resources for these offices which are more consistent with DoD's stated priority for these programs.

LOW PRIORITY PROGRAMS

The fiscal year 1987 budget includes some minor programs in the Navy RDT&E account which have been funded for several years with very little payoff. The Committee believes that in the current fiscal climate, such low priority, low payoff programs are no longer affordable.

In addition, much of this work resembles activities being conducted by other services and the defense agencies. Therefore, the impact of these reductions should be minor. The Committee's recommendations are as follows:

[In thousands of dollars]

	Budget request	Committee recommended	Change from budget
Radiological Control	\$2,592		— \$2,592
Container Offload/Handling	5,602		— 5,602

ACCOUNTING CHANGES

The Navy requested a change in appropriations account for the following two programs in fiscal year 1987: (1) Ship Contract Design, historically funded in the RDT&E account, but budgeted for fiscal year 1987 in the Shipbuilding and Conversion, Navy (SCN) account; and (2) Initial Trainers Acquisition, historically funded in the Aircraft Procurement, Navy (APN) account but budgeted for fiscal year 1987 in the RDT&E account. The Committee denies these changes, and directs that Ship Contract Design remain in the RDT&E account and Initial Trainers Acquisition remain in the APN account. The recommended reduction of \$3,980,000 in Ship Contract Design results in the funding level forecast for fiscal year 1987 in the fiscal year 1986 budget.

HYPERSONIC WIDE AREA DEFENSE MISSILE

The Navy requested \$16,325,000 to continue development of the Hypersonic Wide Area Defense Missile (HYWADM) in fiscal year 1987. The Committee denies any funding for this project, and instructs the Navy to consider the utilization of DARPA's Long-Range Air Interceptor Experiment (LORAINÉ) to meet this requirement. The LORAINÉ program appears to meet the Navy's stated requirement for a hypersonic wide area defense missile as well as certain Air Force requirements. Pursuit of a single joint program building upon LORAINÉ technology appears to be more cost-effective than the continuation of separate efforts by each of the services and DARPA.

RACER

The Navy requested \$7,474,000 to continue development of the Rankine Cycle Energy Recovery (RACER) system in fiscal year 1987. However, subsequent to submission of the budget, the RACER project was terminated by the Navy. Authorization action deleted all proposed fiscal year 1987 funding for Ship Propulsion System, which includes RACER, and added \$20,000,000 in a new budget line to continue RACER development.

The Committee is advised that \$11,800,000 in fiscal year 1986 funding for RACER remains unobligated. The Navy has announced its intent to reprogram those funds to other uses. The Committee believes that the RACER program should be continued, and recommends \$20,000,000, offset in part by transfer of \$11,800,000 of unobligated 1986 funding.

SUBMARINE HULL ARRAY DEVELOPMENT

The Navy requested \$8,891,000 for Submarine Hull Array Development (Advanced) in fiscal year 1987. The Committee approves the budget request, and directs the Navy to apply no less than \$5,000,000 of these funds to the Advanced Conformal Submarine Acoustic Sensor (ACSAS) project. The Committee believes the Navy should provide adequate resources to enable ACSAS to be considered for incorporation into the second flight of the SSN-21 class. If Navy plans, as reflected in the fiscal year 1988 budget, do not include ACSAS for the SSN-21 class, the Committee will give serious consideration to terminating ACSAS at that time.

NAVAL SPACE SURVEILLANCE SYSTEM

As addressed in the Other Procurement, Navy section of this report, the Committee is recommending a reduction of \$663,000 in Naval Space Surveillance System.

NAVY SPACE SYSTEMS ACTIVITY, LOS ANGELES

The Navy is requesting \$284,000 within the C² Surveillance Reconnaissance Support line item for a new support office located in Los Angeles for Navy space programs. The Committee believes that current support arrangements for Navy space programs located on the West Coast are adequate and is therefore denying this request- ed amount.

NAVY STRATEGIC COMMUNICATIONS

The Navy requested \$143,282,000 for Navy Strategic Communications in fiscal year 1987. The Committee recommends \$84,654,000, and an additional \$13,778,000 to be derived by prior year transfer. The Committee directs that, of the funding available, \$76,609,000 be allocated to Project W1438, E-6A, and the remaining \$21,823,000 be allocated to Project X1083, Ship-to-Shore Communications. The Committee specifically denies any funding for the Strategic Survivable and Enduring Communications (STRATSEC) project in fiscal year 1987 because the Navy reprogrammed fiscal year 1986

STRATSEC funding, in clear violation of direction provided by the appropriations conference for fiscal year 1986.

T-45 TRAINING SYSTEM

The Navy has requested \$134,163,000 to continue full-scale development (FSD) of the T-45 Training System in fiscal year 1987. The Committee recommends \$115,163,000, which is a reduction of \$19,000,000. The reduction is based upon evidence of excessive pricing in certain elements of the FSD prime contract, as well as the fact that budgeted costs significantly exceed the Navy's cost cap for this program.

Furthermore, the Committee criticizes the Navy for its execution of the T-45 prime contract. The Navy allowed this contract to remain undefinitized for eighteen months, which is far in excess of applicable regulations. When the contract negotiations were finally completed in May 1986, the Navy agreed to fund the program at the ceiling price. The Committee believes that the final negotiated price for a program should be lower than the *ceiling* price. In testimony before the Committee last year, the Navy stated that "during definitization, every effort will be made to negotiate a lower price for the entire development program." This lower price was not forthcoming. The Committee's review of pricing in the T-45 program indicates that some savings *can* be realized. The Navy is expected to take necessary steps to obtain these savings.

AIRBORNE LIFE SUPPORT SYSTEMS

The Committee recommends \$4,100,000 for Airborne Life Support Systems, a reduction of \$277,000. Of the recommended amount, \$3,000,000 is available only for Project M0097, Aircrew Impact Injury Prevention. Last year, the Congress directed that \$2,350,000 be allocated to this project for fiscal year 1986. Since the Navy did not obey that direction, the Committee has included bill language to ensure that Congressional direction is followed for fiscal year 1987.

Although the Navy has testified to the importance of this project, the proposed funding for fiscal year 1987 is *less* than the amounts provided in fiscal years 1983-1985. The recommended amount compensates for the underfunding experienced in prior years.

STANDOFF LAND ATTACK MISSILE

The Navy requested \$42,409,000 for the Advanced Air-to-Surface Missile program in fiscal year 1987, which included \$37,500,000 for the Standoff Land Attack Missile (SLAM). The Committee recommends \$11,700,000 for SLAM, with an offsetting general reduction as authorized.

The \$37,500,000 budgeted for SLAM in fiscal year 1987 assumes that the program will be in its second year of development. The Navy has stated a first year funding requirement of \$11,700,000. Since SLAM would be a new start in fiscal year 1987, \$11,700,000 will meet the Navy's stated first year funding requirement. Furthermore, the Committee notes that delays in the GPS program allow a slowdown in the SLAM development schedule with little or

no program impact. GPS will provide full operational capability for SLAM, and has been significantly delayed due to the space shuttle problem.

SURFACE SHIP TORPEDO DEFENSE

The Navy requested \$36,908,000 to continue development of the Surface Ship Torpedo Defense (SSTD) System in fiscal year 1987. The Committee recommends \$19,808,000. This program was significantly restructured by the Navy since the development and submission of the fiscal year 1987 budget estimates. The reduction holds the Navy to the original cost estimates for a particular subsystem which has been descoped. This is consistent with the program restructure, and provides adequate funding for development and testing of near-term, off-the-shelf systems. Concerning the long-term requirement, the Committee is supportive of ongoing discussions with the United Kingdom concerning a cooperative RDT&E effort. Both nations have a similar mission requirement, significant expertise, and concern over the overall funding requirements for their respective programs. Consequently, the potential exists for a joint program to be successful and reduce costs.

SHIPBOARD DAMAGE CONTROL

The Navy requested \$41,861,000 for Shipboard Damage Control in fiscal year 1987. The Committee recommends \$26,626,000. This provides an increase over fiscal year 1986 of 19 percent. The reduction is based upon schedule slippage in the EMPRESS II program, and budget constraints which dictate slower growth in the development of new firefighting equipment.

The Committee notes that the total budget for the EMPRESS II project is divided between this program element and another entitled "Tactical Nuclear Weapon Development". The Committee directs that all funding for EMPRESS II be budgeted as a separate program element beginning with the fiscal year 1988 budget.

PHYSICAL SECURITY (ADVANCED)

The Navy requested \$7,686,000 for Physical Security (Advanced) in fiscal year 1987. The Committee recommends \$6,386,000. The reduction is based upon more recent cost estimates.

LOW COST SEEKER

The Navy requested \$14,704,000 for Low Cost Seeker (LCS), for which the House Armed Services Committee provided an authorization of \$39,704,000. The Committee recommends the authorized amount.

The Committee has consistently supported the LCS since fiscal year 1983, in the belief that it would serve to reduce the cost of the HARM missile and of future anti-radiation weapons. The threat of competition thus introduced by LCS development has indeed had a beneficial effect on the price of HARM; the Committee is convinced that production of LCS will lower HARM prices even more. From the taxpayer's standpoint, the threat of competition is good, but the actuality of competition is even better. In an apparent attempt

to forestall LCS production, suggestions have recently been made to introduce a so-called "Block IV" change to HARM guidance and control. However, such a change would be contrary to declared Navy policy. When testifying before the Committee on the fiscal year 1987 budget request, the Secretary of the Navy stated he had no doubt that the HARM contractor "can come in and beat every single initial proposal for production of a Low Cost Seeker that we could come up with, because they will always buy in to kill off a competitor. Navy policy is to proceed with the Low Cost Seeker, and when any decision comes to me pitting a Block IV upgrade against a Low Cost Seeker, I will go with the Low Cost Seeker. I am not going to support continuing a monopoly . . ." The Committee notes that the House Armed Services Committee, in its report for fiscal year 1987, has recommended against Block IV unless it can be pursued with no adverse impact on the schedule for start of initial production of LCS-equipped HARM's in 1989.

The Committee strongly supports the efforts of the Secretary to broaden the industrial base in anti-radiation weapons. That goal is to obtain producers, not simply developers or technology experimenters. The two firms participating in the LCS program are reported to have made excellent technical progress, and to be rapidly positioning themselves to become producers of a block-changed HARM. All indications are that such production could begin in fiscal year 1989. Further, these firms will be able to provide, at long last, a competitive environment for future anti-radiation weapons programs. Consequently, the Committee repeats *for the fifth consecutive year* that LCS is to form the basis of a cost-cutting block change in HARM. The Committee directs the Navy to include in its fiscal year 1988 budget sufficient procurement funding for production start-up and long lead items necessary for initial production of LCS/HARM in fiscal year 1989.

The Committee is aware that a desirable outgrowth can be the use of LCS technology in other airframes. However, two years ago, in its report on fiscal year 1985 appropriations, the Committee stated that the objective "is development of a low cost seeker for HARM, no more and no less." The primary and unchanged goal remains the incorporation of LCS into HARM. Proposals to adapt LCS technology for other uses will not be allowed to serve as the pretext for deviating, or diverting funds and technical talent, from that goal. Such adaptations may be pursued in parallel with, but not instead of, incorporation of LCS into HARM.

The Committee, in its reports for fiscal years 1984 and 1985, directed the submission of quarterly status reports on the LCS program. Recently, those reports have not been submitted on a timely basis. The Committee directs the Navy to remedy the cause of these delays, and to continue submitting quarterly reports.

WHITEHALL QUICK REACTION SURVEILLANCE SYSTEM

Last year, the Congress approved a quick reaction surveillance system intended to enhance the anti-submarine warfare capabilities of the U.S. Navy. The Committee understands that the Navy has recently made a competitive award to initiate tests for this program and wishes to advise the Navy that the funds provided should

be extended through the fiscal year 1987 budget year for this program. The Committee also expects the Navy to continue the out-year funding for this program to fully test and evaluate the concept and plan for procurement of this van portable quick reaction ASW system. The Committee also understands that the Navy plans to test this system on available U.S. Navy ships as well as leased ships and encourages the Navy in this initiative.

TACTICAL NUCLEAR WEAPON DEVELOPMENT

The Navy requested \$15,151,000 for the Tactical Nuclear Weapon Development program in fiscal year 1987. The Committee recommends \$7,651,000. The reduction is based upon schedule delays in the EMPRESS II project and the deferral of development support funding for two new tactical nuclear weapons whose development is being deferred pursuant to recommendations discussed under the Sea Lance and Unguided Conventional Air-Launched Weapons programs.

ACOUSTIC SEARCH SENSORS (ENGINEERING)

The Navy requested \$56,761,000 for the Acoustic Search Sensors (Engineering) program in fiscal year 1987. The Committee recommends \$36,819,000, a reduction of \$19,942,000, which would delete funding for the Expendable Reliable Acoustic Path Sonobuoy (ERAPS).

Based upon current cost estimates and system performance, it is extremely doubtful that ERAPS will be technically feasible at an affordable cost. Current plans call for initial procurement in fiscal year 1988 at a unit cost of over \$33,000 and for unit costs of \$20,000 over the first three years. According to Navy documents, the ERAPS unit cost goal of \$5,000 (in fiscal year 1978 dollars) is not met in any year of the current Five Year Defense Plan.

In addition, the technical feasibility of ERAPS is highly questionable. Navy had been pursuing this technology for *sixteen years* in 1983, when the Committee recommended termination of the program due to cost and technical issues. At that time, the Navy submitted a report on ERAPS which declared that "the technology is now available." The Committee approved continued funding based upon Navy's statements. However, in 1985, ERAPS encountered "catastrophic" test failures when it was air dropped in an open ocean environment. The restructured program delays IOC by another two years. The cumulative effect of these delays would result in initial fielding in the early 1990's of a sensor utilizing early 1970's technology.

The Committee is advised of recent positive test results of another project in this program element, the Doppler Enhancement Program (DEP). Of the \$36,819,000 provided, \$5,700,000 is provided only for the DEP project. This does not accelerate the program, but merely allows it to proceed as scheduled.

EW SIMULATOR DEVELOPMENT

The Committee recommends no separate funding for EW Simulator Development in fiscal year 1987. Funds for this effort can be

provided from the \$448,857,000 recommended under a new program entitled "ASD/C31" in the RDT&E, Defense Agencies account.

V-22 OSPREY

The Committee recommends \$340,000,000 for V-22 Osprey, and an additional \$40,000,000 for V-22 Engine Technology. These are the authorized funding levels for fiscal year 1987. However, the Committee is advised that the certification requirements as stated in section 204(a) of H.R. 4428 would have an adverse impact on this high-priority program. Accordingly, the Committee has included language in the bill which supersedes those provisions.

SEA LANCE ASW STANDOFF WEAPON

The Committee recommends \$115,000,000 for continued development of the Sea Lance ASW Standoff Weapon in fiscal year 1987. This is the authorized funding level, and is approved subject to the direction provided below.

The Navy's 1980 requirement for this weapon emphasized that the conventional capability should take precedence in the development effort due to potential wartime constraints on nuclear weapons usage. In 1982, however, the Navy decided to pursue a nuclear depth bomb (NDB) as the primary Sea Lance payload and include the MK-50 ALWT conventional payload at a later date. This decision was made, according to the Navy, based upon the pace of the MK-50 schedule. Since that time, Sea Lance schedules have slipped significantly. As a result, Navy analyses now show that the MK-50 variant of Sea Lance could be accelerated by one year with potential RDT&E savings of nearly \$30,000,000. At the same time, costs for the NDB have risen so high that the Department of Defense recently directed a reassessment of the need for this variant. The Congress has been concerned in the past about Sea Lance RDT&E costs as well as our conventional ASW warfighting capability in the 1990's. Acceleration of the MK-50 variant would make improvements in both of these areas. Therefore, the Committee directs the Navy to accelerate the MK-50 variant by one year. The Committee interposes no objection to a corresponding slip in the NDB program, if this is necessary due to the availability of test assets.

AAM SYSTEMS ENGINEERING

The Navy requested \$27,906,000 for Air-to-Air Missile Systems Engineering in fiscal year 1987. The Committee recommends \$24,760,000. The reduction of \$3,146,000 is based upon budget constraints, and provides an increase of 93 percent over fiscal year 1986 instead of 118 percent, as proposed.

SSN-688 VLS

The Navy requested \$18,344,000 to continue development of the SSN-688 Vertical Launch System (VLS) in fiscal year 1987. The Committee recommends \$5,894,000. The reduction is based upon a two year delay in the test program which supports a lower funding

requirement of test execution and test support costs in fiscal year 1987.

SUBMARINE COMBAT SYSTEMS

The Navy requested \$316,649,000 for Submarine Combat Systems in fiscal year 1987. This program includes development of the BSY-1 Submarine Advanced Combat System (SUBACS) and the Fiscal Year 1989 Combat System. The Committee recommends \$284,949,000. The reduction is to be levied *entirely* against the Fiscal Year 1989 Combat System project, for the reasons described below.

The budget request of \$113,500,000 for the Fiscal Year 1989 Combat System is clearly too high for a system which will not complete its design phase until fiscal year 1988. The reduction is primarily based upon excessive funding for program manager's reserves and savings resulting from the Navy program decisions made subsequent to the submission of the budget. Since these funds are excess to requirements, the reduction should have no impact on the overall program schedule.

The Committee continues to be concerned about the status of the BSY-1 SUBACS development effort. The Surveys and Investigations Staff has advised the Committee that several critical hardware modules are behind schedule due to producibility and reliability problems. Shipboard integration of the combat system, scheduled to begin in November 1987, is still considered high risk by the Navy, and even with that schedule, four production decisions will be made before OPEVAL is conducted. Although the Navy claims that contractual penalties for late delivery are adequate to ensure that these schedules are met, the Defense Contract Audit Agency has reported that the cost and pricing data submitted by the prime contractor for this work was unacceptable, and that future claims may result. The Committee views these developments with concern, and encourages the Navy to continue to place a high management priority on this program.

SSN-21 ATTACK SUBMARINE

The Navy requested \$256,668,000 to continue development of hull, mechanical, and electrical (HM&E) components for the SSN-21 attack submarine in fiscal year 1987. The Committee recommends \$240,000,000. The recommended level represents a minor (6.5 percent) reduction, and is made due to budget constraints and an inability to afford the rising cost of this program in its entirety. The Committee notes that a larger (10 percent) reduction in this program for fiscal year 1986 had no impact on the overall program schedule.

The Committee continues to be concerned over elements of the SSN-21 acquisition strategy, and believes that some changes are now required. The Committee noted last year that total RDT&E costs for SSN-21's HM&E components had risen from \$1,900,000,000 in 1984 to \$2,100,000,000 in 1985. That estimate is now over \$2,400,000,000. When costs for the SSN-21 Combat System are added, total development cost for this submarine is close to \$4,000,000,000. In testimony before the Committee this

year, the Secretary of the Navy agreed that a cost cap on the SSN-21 RDT&E effort "might be useful" at this point in the program. Accordingly, the Committee directs the Navy to establish a cost cap on the entire SSN-21 RDT&E effort, with two separate sub-caps for the HM&E and Combat System portions. No more than \$100,000,000 of the recommended funding may be obligated or expended until the Committee receives, and responds to, written notification of the establishment of such a cap.

SUBMARINE TACTICAL WARFARE SYSTEMS

The Navy requested \$47,101,000 for the Submarine Tactical Warfare Systems program in fiscal year 1987. The Committee recommends \$31,101,000, which is a reduction of \$16,000,000, with an offsetting transfer of \$700,000 in fiscal year 1986 funds. \$7,000,000 of the reduction deletes RDT&E funding for the low cost antisurface torpedo, based upon testimony that no development effort was anticipated for this weapon. The remainder of the reduction is based upon severe delays in the CCS Mark 1 program, which indicate a lower fiscal year 1987 funding requirement.

ADA IMPLEMENTATION PLAN

The Committee notes that the Navy's plan to implement the Ada programming language is still in draft form after two years. Perhaps as a result, major programs such as the Fiscal Year 1989 Combat System have no firm plans to use Ada. This appears to be in violation of DoD Directive 5000.31, which requires the use of Ada in all programs entering full-scale development after July 1, 1984. The Committee believes that an approved Ada Implementation Plan would provide guidance to programs which otherwise might be unaware of DoD Directive 5000.31, as well as a baseline for future monitoring of Ada development and justification for future budget proposals. A final approved plan must be submitted to the Committee no later than April 1, 1987.

UNGUIDED CONVENTIONAL AIR-LAUNCHED WEAPONS

The Committee recommends that no funds be provided in fiscal year 1987 for a proposed new start entitled Airborne ASW Nuclear Weapon. This results in a reduction of \$1,615,000.

The Committee is not convinced of the requirement for this weapon, for several reasons: (1) the Navy has no approved Operational Requirement (OR) document; (2) the Navy completed a comprehensive Air ASW Master Plan in 1985, and there is no mention of the need for such a weapon; and (3) since the submission of the fiscal year 1987 budget, the Navy has decided that it wants a *multi-purpose* nuclear weapon, now called the Nuclear Depth/Strike Bomb, instead of the Airborne ASW Nuclear Weapon. Furthermore, this project is improperly budgeted in a program element designated for *conventional* weapons.

The Committee encourages a resumption of testing of the United Kingdom's MK-11 Air-Launched Depth Charge as a possible alternative to this weapon, while the Navy continues to refine and validate the mission requirement. If the Navy wishes to request fund-

ing for such a weapon in the future, it should be in a properly designated program element.

MK-50 ADVANCED LIGHTWEIGHT TORPEDO

The Committee recommends \$188,825,000 to continue full scale engineering development (FSED) of the MK-50 Advanced Lightweight Torpedo (ALWT) in fiscal year 1987. This is an addition of \$40,000,000 to the budget request; however, an offsetting reduction has been made in the Weapons Procurement, Navy account. Bill language is provided which makes the recommended amount available only for this purpose.

The Committee continues to be a strong supporter of the MK-50, but believes that the program is not yet ready for production due to delays and Navy descoping of the RDT&E program. The recommended funding will enable the FSED program to get back on track and provide adequate engineering and performance data prior to approval of low-rate initial procurement funds.

MARINE CORPS GROUND COMBAT/SUPPORT ARMS (ENGINEERING)

The Committee recommends \$2,034,000 for Marine Corps Ground Combat/Support Arms (Engineering) in fiscal year 1987, as well as a transfer of \$2,700,000 in fiscal year 1986 funds. This is a reduction of \$10,507,000 from the budget request. The reduction and partially offsetting transfer is based upon program savings due to delays in the CATFAE and VEMASID projects and termination of the POMINS project by the Marine Corps in April 1986.

LIGHTWEIGHT BATTLEFIELD SURVEILLANCE RADAR

According to information provided by the Marine Corps, due to delays in program schedule, growing R&D cost estimates, and higher than anticipated contract proposals, the Marine Corps terminated this program during the second quarter of fiscal year 1986. The Committee is, therefore, deleting the fiscal year 1987 request of \$1,709,000, which is no longer required.

MARINE CORPS C3 SYSTEMS (ENGINEERING)

The Navy requested \$16,005,000 for the Marine Corps C3 Systems (Engineering) program in fiscal year 1987. The Committee recommends \$4,137,000. The recommendation would defer funding for the Advanced Tactical Air Command Central (ATACC) until fiscal year 1988. This is a proposed new start for fiscal year 1987. The Committee notes that the Marine Corps is not yet committed to heavily automated tactical C3, and major elements of this system will undergo critical testing throughout calendar year 1986. We should witness the results of these tests, and the Marine Corps' commitment to procure such systems, before beginning development of yet another node in an overall automated C3 network.

In addition, a portion of the reduction is based upon recent schedule slippage in the Tactical Command Operations project.

MARINE CORPS TELECOMMUNICATIONS

The Navy requested \$11,644,000 for the Marine Corps Telecommunications program in fiscal year 1987. The Committee recommends \$7,000,000. The reduction of \$4,644,000 includes funding for a new project which was not authorized, and a slower growth rate in funding for the remaining projects. The Committee's recommendation represents a 106 percent increase over the fiscal year 1986 funding level for this program.

MARINE CORPS GROUND COMBAT/SUPPORT ARMS

The Committee recommends \$60,865,000 of the \$67,934,000 requested for the Marine Corps Ground Combat/Support Arms program in fiscal year 1987. The reduction is based upon program savings resulting from termination of the Light Armored Vehicle-Assault Gun variant in May 1986. The recommendation includes funding to complete evaluation of the 75 millimeter gun in fiscal year 1987.

RELOCATABLE OVER-THE-HORIZON RADAR (ROTHR)

The fiscal year 1987 budget includes a total request of \$56,141,000 for ROTHR for what will become a billion dollar program. In addition, the Navy has also requested \$24,400,000 in the Military Construction bill for costs associated with the first ROTHR site.

Despite the "relocatable" included in the title of the program, the Committee is dismayed to learn that each site not only will require over 100 military personnel simply for operations, but that the entire ROTHR system will require a third of a billion dollars in permanent military construction costs.

The Committee has always objected to "concurrency" in programs whereby funds are requested for procurement and deployment when research and development is still continuing. The Committee believes that the Department has achieved a notable first in that the ROTHR program appears to be the first *triple* concurrent program: technical evaluation is still underway while funds are being requested not only for the first prototype, but also for procurement to support the first operational fielding.

Prior to requesting funds for such an expensive effort, it is incumbent upon the Department of the Navy to insure that the requirement for a system such as ROTHR cannot be met through other means. The Committee is convinced that much, if not all, of the information to be provided by ROTHR can largely be obtained either from existing systems or from systems soon to be fielded.

The Committee notes that many of the items proposed for completion with fiscal year 1987 funds were identified for completion in fiscal year 1986 with the initial RDT&E funding for this effort. This can only indicate that either the program has slipped, or that the primary source of information provided to the Congress in support of a billion dollar program is basically inaccurate.

As a result of the lack of congressional approval of military construction authorization and funding in fiscal year 1987, the apparent confusion within the Department of Defense as to potential al-

ternative programs, and the lack of affordability in the face of stringent budget constraints, the Committee is recommending denial of the full request of \$56,141,000 as reflected in four different appropriations. Of that amount \$40,971,000 is deleted from RDT&E, Navy.

ENVIRONMENTAL PROTECTION

The Navy requested \$8,720,000 to conduct research into Navy-related environmental protection issues in fiscal year 1987. The Committee recommends \$7,720,000, and directs that at least \$4,000,000 of this amount be applied toward continued research into new methods of inhibiting the surface fouling of naval ships. This work should include an increased level of effort into organization anti-fouling paint as well as accelerated investigation of the potential use of copper-nickel alloy to reduce fouling and thereby eliminate the need for the use of highly toxic anti-fouling paints. At least \$2,500,000 should be allocated toward organization research. Funds for this effort have been consolidated into a single program element for better management visibility.

The Committee is advised by the Environmental Protection Agency (EPA) that it is "still in the process of gathering information needed for an adequate risk-benefit assessment" on organization, and can therefore not provide the certification required by section 8107 of Public Law 99-190. For this reason, the Committee recommends the continuation of this bill language for fiscal year 1987.

Furthermore, the Committee criticizes the Navy for its preparation of the organization report required by the Committee last year. This report was submitted to the Committee four months late, and was much longer than required to meet the Committee's direction. At a time when the Secretary of the Navy and the Committee are working to reduce both the number and size of reports to the Congress, it is disturbing to see a report submitted which was much broader in scope, and consequently more costly to prepare, than the Committee requested.

RDT&E SHIP AND AIRCRAFT SUPPORT

The Navy requested \$81,335,000 for RDT&E Ship and Aircraft Support in fiscal year 1987. The Committee recommends \$76,088,000. The reduction is based upon budgeted aircraft rework costs which are well above historic costs for similar work.

INTERNATIONAL RDT&E

The Committee recommends \$1,000,000 for International RDT&E, a reduction of \$2,687,000. The Committee believes that the International Cooperative RDT&E project is no longer needed, since the NATO Cooperative RDT&E program provides funding for the same purpose. The Committee has recommended \$178,427,000 for the NATO Cooperative RDT&E program, which is the authorized level. The recommendation also provides a 63 percent increase for support of the SACLANT Research Center, instead of the 104 percent increase proposed by the budget.

TEST AND EVALUATION SUPPORT

The Committee recommends \$305,000,000 for Test and Evaluation Support, a reduction of \$25,580,000 from the budget request. This provides a ten percent increase over the level provided in fiscal year 1986.

The Committee is reluctant to provide significant increases in institutional funding for Navy MRTFB facilities, since Navy cannot readily provide either current or projected range utilization data in support of the budget request. The Committee intends that some portion of the reduction be applied against proposed funding for Improvement and Modernization (I&M) projects, with the exception that AUTECH I&M be funded at the level specified in the fiscal year 1987 budget.

MANUFACTURING TECHNOLOGY

The Navy requested \$31,319,000 for Manufacturing Technology. The Committee recommends the budgeted amount.

MODERN CASTING TECHNOLOGY

The Committee directs that within the funds provided, \$5,000,000 be used to conduct a demonstration of modern casting technology to the production of 16-inch projectiles required to support the battleship reactivation program. This demonstration should be sufficiently comprehensive to validate the opportunity for reduced costs in volume production. Successful application of this technology could significantly lower funding levels for future large caliber ammunition requirements. Upon completion, program results will be reported to the Committee.

LASER ARTICULATING ROBOTIC SYSTEM

The Committee notes that the fiscal year 1987 budget includes \$3,000,000 for development of the Laser Articulating Robotic System (LARS). This project has been of interest to the Committee for many years. The Navy is expected to allocate no less than \$3,000,000 of the \$31,319,000 budgeted and recommended for Manufacturing Technology to the LARS project.

INTEGRATED PLATFORM COMMUNICATIONS DEVELOPMENT

A new program was established in authorization action entitled "Integrated Platform Communications Development", and \$69,021,000 in fiscal year 1987 funding was authorized. This is not a true add-on to the budget request, but a consolidation of three existing projects into a restructured program. The Committee strongly supports this new program, based upon significant anticipated RDT&E and ILS cost savings, low technical risk, and reduced program management costs. Furthermore, the Committee concurs with the House Armed Services Committee and senior DoD and Navy officials that the ICS/SCAN system should be the baseline architecture for each of the derivative development efforts.

The Navy is directed to expeditiously establish a project office to execute this new program, and to submit a Plan of Action and Milestones for the program to the Committee by March 31, 1987.

CLASSIFIED PROGRAMS

The Committee recommends the addition of \$5,450,000 to the budget request for classified programs for reasons explained in the classified annex to this report, and in a classified letter to the Secretary of Defense.

PROGRAM SUMMARY

The following schedule shows the budget estimate, the recommended appropriation, and the change from the budget estimate for fiscal year 1987:

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
RESEARCH DEVELOPMENT TEST & EVAL. NAVY			
TECHNOLOGY BASE			
UNIVERSITY RESEARCH	12,060	12,060	---
INHOUSE IND LAB RSCH	26,910	26,910	---
DEF RESRCH SCIENCES	349,053	340,241	-9,612
AAW/ASIM TECHNOLOGY	75,244	60,000	-15,244
ELECTRONIC WARFARE TECHNOLOGY	13,946	---	-13,946
SURFACE SHIP TECHNOLOGY	13,515	---	-13,515
AIRCRAFT TECHNOLOGY	21,111	20,000	-1,111
MARINE CORPS AIR-GROUND TECHNOLOGY	17,620	15,001	-2,547
COMMAND CONTROL & COMMUNICATIONS TECHNOLOGY	20,242	20,242	---
MISSION SUPPORT TECHNOLOGY	34,230	34,230	---
SYSTEMS SUPPORT TECHNOLOGY	65,799	61,799	-4,000
ASW TECHNOLOGY	90,060	80,000	-10,060
MINE & SPECIAL WARFARE	14,030	14,030	---
SUBMARINE TECHNOLOGY	12,441	12,441	---
NUCLEAR PROPULSION	43,076	33,000	-10,076
OCEAN & ATMOSPHERIC SUPPORT TECHNOLOGY	25,354	25,354	---
INDEPENDENT EXPLORATORY DEVELOPMENT	14,717	14,717	---
TOTAL TECHNOLOGY BASE	851,048	770,137	-80,911
ADVANCE TECHNOLOGY DEVELOPMENT			
AVIONICS	3,050	3,050	---
ADV AIRCRAFT PROPULSION SYS	6,630	6,630	---
ADV A/C SUB SYSTEMS	7,944	5,970	-1,966
NATIONAL AEROSPACE PLANE	25,527	---	-25,527
ERASE SYS TECH	6,486	8,986	+2,500
SHIP PROPULSION SYSTEM	22,474	---	-22,474
SUBMARINE HULL ARRAY DEV (ADV)	8,891	9,816	+925
ELECTRIC DRIVE	9,816	9,816	---
HUMAN FACTORS ENG (HFE)	3,964	2,000	-1,964
MEDICAL DEVELOPMENT	16,700	10,535	-6,165
MANPOWER & PERSONNEL SYS	6,650	2,600	-4,050
GENERIC LOGISTICS R&D TECH DEMO	21,236	10,000	-11,236
EDUCATION AND TRAINING	6,536	6,536	---
ADV MANPOWER TRNG SYS	1,037	1,037	---
SIMU & TRAINING DEVICES	0,210	0,210	---
NAVY LOGISTICS PRODUCTIVITY	934	---	-934
ADV ASW TECH	25,063	25,063	---
ADV TECH TRANSITION	13,492	13,492	---
TOTAL ADVANCE TECHNOLOGY DEVELOPMENT	196,272	124,440	-71,824
STRATEGIC PROGRAMS			
TACT SPACE OPERATIONS	22,906	16,000	-6,906
SSBN SURVIVABILITY	2,703	2,703	---
SATELLITE LASER COMM	5,875	35,875	+30,000
TRIDENT II	1,632,866	1,500,000	-132,866
STRAT TECH SUPPORT	3,914	3,914	---
PLY BALLSTC MIS SYS	40,222	25,000	-15,222
SSBN SEC TECH PROG	54,739	50,000	-4,739
TRIDENT	51,793	41,000	-10,793
BATFIRE LOW PRIOZ COMM	16,296	8,000	-8,296
NAVY STRATEGIC COMM	143,302	94,654	-48,628
NAVY STRATEGIC COMM (BY TRANSFER)	---	(13,778)	-(13,778)
NAV SPASUS	1,583	900	-683

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
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WECN	1,687	1,687	---
WIS MODERNIZATION	21,610	7,177	-14,433
TOTAL, STRATEGIC PROGRAMS	2,001,046	1,776,910	-224,136

TACTICAL PROGRAMS

INTEGRATED A/C AVIONICS	22,484	22,484	---
ELECT W/P ADV. DEV.	19,294	---	-39,294
AIR/OCEAN TACT. APPLIC.	7,522	8,950	-972
T-45/TS	134,183	115,183	-19,000
AIRBORNE LIFE SUPT SYS.	4,377	4,100	-277
CV ASW MODULE	4,255	4,255	---
AIRCRAFT SYSTEMS	5,547	---	-5,547
AIR ASW	9,131	5,631	-3,500
A-6F	143,256	130,000	-13,256
ASN MINE COUNTERMEASURES	11,565	11,565	---
TAC AIR RECON	18,042	14,042	-4,000
ACFT SURVIV/VULNERABILITY	19,054	15,000	-4,054
NAVAL AIRSHIP	9,834	---	-9,834
ADV AIR-TO-SURF MSL	42,409	11,700	-30,709
GENERAL REDUCTION	---	-11,700	-11,700
IRR NAVERICK	245	---	-245
ADV AIR-AIR SURF-AIR MSL	79,728	---	-79,728
LOW COST ANTI-RADIATION SEEKER	14,704	39,704	+25,000
BGAAC	13,748	7,000	-6,748
SURFACE MCM	22,678	17,678	-5,000
SUB SONAR DEV.	11,109	11,109	---
SURF-SHIP TORPEDO DEFS	36,908	19,808	-17,100
SHIPBRD SYS COMPT DEV	14,917	14,917	---
SHIPBRD DAMAGE CONTROL	41,861	26,626	-15,235
SUB ARCTIC W/P SPT EQUIP PROG	2,946	2,946	---
PILOT FISH	75,240	75,240	---
NONACOUSTIC ASW	26,139	23,139	-3,000
ADV ASW TARGET	10,282	10,282	---
RETRACT JUNIPER	28,935	27,455	-1,480
RADIOLOGICAL CONTROL	2,592	---	-2,592
LINK DOGWOOD	3,931	1,000	-2,931
SURFACE ASW	23,189	11,584	-11,584
SUB TAC WARFARE SYS.	10,689	10,689	---
SHIP DEVELOPMENT	21,606	14,000	-7,606
SURFACE SHIP NAVSYS	6,675	---	-6,675
ATTACK SUBMARINE DEV.	3,931	---	-3,931
ADV NUC REACTOR COMP SYS DEV.	96,037	96,037	---
PHYSICAL SECURITY	7,686	6,386	-1,300
CHALK EAGLE	79,351	79,351	---
AAW/AIC NUC PROP PLANT	3,410	3,410	---
COMBAT SYS INTEGRATION	24,051	---	-24,051
JOINT ADVANCED SYSTEMS	78,680	---	-78,680
MINE DEVELOPMENT	14,836	14,836	---
CHALK PINE	43,711	43,711	---
CONVENTIONAL MUNITIONS	40,882	35,000	-5,882
ALMT (ADV)	7,434	---	-7,434
MC ASSAULT VEHICLES	11,005	11,005	---
TAC NUCLEAR WEAPON DEV.	15,151	7,651	-7,500
MC GRD COMBAT/SPT SYS.	18,249	15,249	-3,000
JT SERV EXPL ORDN DEV.	14,791	14,791	---
OCEAN ENG SYS DEV.	1,417	1,417	---
ASW OCEANOGRAPHY	7,065	7,065	---
ASW SIGNAL PROCESSING	17,988	17,988	---
ADV MARINE BIO SYSTEM	5,385	5,385	---
FLEET TAC D&E PROGRAM	4,649	4,649	---

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OCEAN ENG TECH DEV	16,373	14,224	-2,149
COMMAND AND CONTROL SYS	36,525	31,525	-5,000
CONTAINER OFFLD/TRANSPR SYS	5,602	---	-5,602
NAVAL SPECIAL WARFARE	15,637	15,637	---
NAVY ENERGY PROGRAM	16,033	16,053	+20
FACILITIES IMPROVEMENT	9,476	9,476	---
HERSHIP NAV AUX PROG	6,014	3,014	-3,000
COMBAT SERVICES SUP (ADV)	15,057	15,057	---
CHALK CORAL	14,694	14,694	---
LINK HAZEL	37,566	37,566	---
LINK LAUREL	47,000	5,400	-41,600
ARIADNE	11,240	8,240	-3,000
LINK SPRUCE	94,272	---	-94,272
RETRACT MAPLE	20,702	20,702	---
NCCS SEAL	12,599	6,300	-6,299
ASW SURVEILLANCE	25,982	25,982	---
ASW ENVIRONMENTAL ACOUSTIC SPT	12,764	12,764	---
SPECIAL PROCESSES	41,466	41,466	---
STANDARD AVIONICS DEVELOPMENT	19,432	2,740	-16,692
IFP SYS DEV	23,449	23,449	---
JAMPS	19,712	19,712	---
HELO DEV	11,084	11,084	---
AV-8B AIRCRAFT (ENG)	64,639	64,639	---
SUPPORT EQUIP	52,492	52,492	---
S-1 WEAPONS SYS IMPROVMT	15,644	15,644	---
AIR OCEAN EQUIP ENG	3,294	3,294	---
AIRBORNE ASW DEV	2,266	2,266	---
P-3 MODERNIZATION PROG	96,677	77,210	-19,467
ABN EW ENG	55,973	---	-55,973
ASPJ	19,947	---	-19,947
CV 12 ASW HELO	8,062	2,600	-5,462
A/C PROPULSION (ENG)	27,500	27,500	---
EW SIMULATOR DEVELOPMENT	51,496	---	-51,496
CIR-516	3,464	1,611	-1,853
ACOUSTIC SRCH SENSORS (ENG)	56,761	36,819	-19,942
V-22	166,871	140,000	-26,871
AVIATION LIFE SPT SYS	29,705	29,705	---
ACFT ENGINE COMPT IMP	65,183	60,000	-5,183
MF-92 ECS UPGRADE	7,808	7,808	---
GENERAL REDUCTION	---	-7,808	-7,808
REGIS AREA AIR DEF	4,312	4,312	---
REGIS WFW SYS IMP	134,939	110,000	-24,939
LINK ASR	8,846	8,846	---
SEA LANCE	118,416	112,000	-6,416
AMBAAM	19,022	19,022	---
VERTICAL LAUNCHING SYS	20,388	20,388	---
AIR/AIR MSL SYS ENGR	27,906	24,760	-3,146
VLS ASROC	41,669	41,669	---
CLOSE-IN WPN (PHALANX)	7,493	7,493	---
NATO SEA SPARROW	7,745	---	-7,745
SM-2 (N)	9,229	---	-9,229
STURGEON MISSILE IMPROVMTS	45,988	45,988	---
TOMAHAWK	68,368	68,368	---
5 IN. ROLLING AIR FRM MSL	24,210	---	-24,210
SSM-600 CLASS VLS	18,344	5,894	-12,450
NSW THREAT UPGRADE	50,899	50,899	---
SURMARINE COMMUNICATIONS	25,979	7,377	-18,602
SURMARINE SONAR DEV	52,716	52,716	---
AIR CONTROL ENG	9,207	9,207	---
CW COUNTERMEASURES	7,799	7,799	---
EMSP	100,145	98,345	-1,800

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
RADAR SURVEILLANCE EQUIP	9,321	9,321	---
SUB SPT EQUIP PROG	32,265	17,265	-15,000
SHIP SURVIVABILITY	9,194	9,194	---
CMBT INFO CNTR CONVERSN	36,727	36,727	---
SUB COMBAT SYSTEMS	116,649	284,949	-11,700
SSN-21 DEVELOPMENT	256,668	240,000	-16,668
SUB TACT WARFARE SYS	47,101	31,101	-16,000
SUB TACT WARFARE SYS (BY TRANSFER)	---	(700)	(+700)
PHYSICAL SECURITY (ENG)	8,015	9,015	---
SHIP SUBSYS DEV/LBTS	18,922	84,242	+65,420
SHIPRO ELEC WAFER IMPRV	51,932	---	-51,932
STD EMBEDDED COMPUTER RESRC	12,469	---	-12,469
SQS-5 MC	26,514	26,514	---
LINK BIRCH	3,927	3,927	---
MINE DEVELOPMENT	13,740	13,740	---
NAVAL GUNNERY IMPROVEMENT	17,428	12,000	-5,428
UNCLD CONVL AIRLCHN WEP	5,626	4,011	-1,615
CHEM WARFARE WEAPONS	4,000	4,000	---
SAL GP/BO SENS DEV	21,156	---	-21,156
DORR-PUZE IMPR	14,711	14,711	---
MC-50 TOWP (ALMT)	148,825	188,825	+40,000
JT SERV ROD DEV (ENG)	5,420	5,420	---
MC GRND CMBT/SPT ARMS	12,541	2,034	-10,507
MC GRND CMBT/SPT ARMS (BY TRANSFER)	---	(2,700)	(+2,700)
MC 48 ADCAP (ENG)	37,895	37,895	---
ASW OCEANOGRAPHIC EQUIP	1,162	1,162	---
CHARLIE BANYAN	16,600	21,600	+5,000
THEATER MISSION PLAN CTR	22,275	22,275	---
INITIAL TRAINERS ACQUISITION	84,621	---	-84,621
NAVY ENERGY PROGRAM	9,044	8,794	-250
NCCS ASHORE NODES	53,029	53,029	---
SUP ASW SYS IMP	36,860	18,430	-18,430
AIR W/P TRNG DEV	1,964	1,964	---
SURFACE W/P TRNG DEV	28,631	28,631	---
COMBAT SERVICES SPT	5,465	5,465	---
MC INTEL/ELEC WAR SYS	9,546	7,837	-1,709
MC CMD/CTRL/COMM SYS	16,005	4,137	-11,868
REGIONAL TAC SURV	40,971	---	-40,971
INTELLIGENCE (ENG)	6,460	6,460	---
MEDICAL DEV (ENG)	2,997	2,997	---
JT INTEROP TAC CMD/CTRL	3,586	3,586	---
JT INTEROP TAC CMD/CTRL MC	3,471	3,471	---
FLEET TAC DEV/EVAL	16,590	16,590	---
ELECTROMAGN SPECTRUM MNT	5,073	2,937	-2,936
HWBMT AND TECH SPT	14,296	8,400	-5,896
C2 SURV RECON SUP	5,342	5,058	-284
MC TAC EXPLOIT NAT CAP	849	849	---
A-6 SQUADRONS	13,020	4,077	-9,743
F/A-18 SQUADRONS	59,093	35,000	-24,093
ERLY WING ACFT SQDRNS	34,454	34,454	---
AVIATION SPT CNV	2,221	2,221	---
FLEET TCC (TAC)	63,733	44,898	-18,835
UNDERSEA SURVEIL SYS	34,198	34,198	---
SURTASS	5,833	5,833	---
SPECIAL PROJECTS	10,500	10,500	---
COVER AND DECEPTION PROG	15,066	15,066	---
DW READINESS SUPPORT	4,421	---	-4,421
COUNTER C3 DEV	23,952	---	-23,952
HARM IMPROVEMENTS	3,931	---	-3,931
TACTICAL INFO SYS	48,071	15,000	-33,071
ASW CMBT SYS INTEGRATION	17,409	10,000	-7,409
ACFT EQ RELIABILITY/MAINT PROG	8,846	2,057	-6,789
LAB FLEET SUPPORT	6,056	6,056	---

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
F-14 UPGRADE.....	269,421	240,000	-29,421
TAC INTELL PROCESSING.....	2,160	2,160	---
EW COUNTER RESPONSE.....	69,708	---	-69,708
OPERATIONAL REACTOR DEV.....	18,872	18,872	---
MAR CORPS TELICOM.....	11,444	7,000	-4,444
MC GRD COMBAT/SUP ARMS SYS.....	67,934	60,865	-7,069
MC COMBAT SERVICES SPT.....	2,549	2,548	---
MC INTEL/ELEC WAR SYS.....	24,822	18,822	-6,000
MC CMD/CTRL/COMM SYS.....	39,925	26,169	-13,756
MC TECH SUPP C/C SYS.....	7,471	7,471	---
TRI TAC MC.....	6,959	6,959	---
GENERAL REDUCTION.....	---	-170,000	-170,000
TOTAL, TACTICAL PROGRAMS.....	6,035,049	4,430,811	-1,604,238
INTELLIGENCE & COMMUNICATIONS			
NAVIGATION SYSTEMS.....	641	641	---
REF SATCOM.....	53,141	53,141	---
NAVSTAR GPS.....	78,513	78,513	---
SATELLITE COMM.....	11,753	11,753	---
MILSTAR JOINT PROJ OPC TERMINAL.....	4,198	4,198	---
CLASSIFIED PROGRAMS.....	548,784	554,234	+5,450
TOTAL, INTELLIGENCE & COMMUNICATIONS.....	695,030	700,480	+5,450
DEFENSEWIDE MISSION SUPPORT			
ENVIRONMENTAL PROTECT.....	8,720	7,720	-1,000
NATO COOPERATIVE.....	49,091	---	-49,091
RANGE INSTRUMTATH SYS DEV.....	11,347	11,347	---
TARGET SYS DEV.....	151,690	90,000	-61,690
PKRS TRNG, SIMULATION & HUMAN FACTORS.....	6,823	3,575	-3,248
STUDIES ANALYSIS SPT--MC.....	1,811	1,811	---
STUDIES ANALYS SPT--NAVY.....	8,031	3,785	-4,246
MC OPS ANALYS GP-CNA.....	4,048	4,048	---
CNTR FOR NAV ANALYSIS.....	18,603	18,603	---
MC OPERATNL TEST/EVAL.....	1,751	1,751	---
TECH INFO SERVICES.....	2,543	2,543	---
DEVEL CENTER SUPPORT.....	5,300	5,300	---
INTERNATIONAL RDT/E.....	3,687	5,000	+1,313
RDT LAB/FAC MGT SPT.....	54,974	50,000	-4,974
RDT INSTRUMT/MAT SPT.....	19,789	19,789	---
RDT SHIP/AIRCPT SPT.....	81,335	76,088	-5,247
TEST/EVAL SPT.....	330,580	305,000	-25,580
OPER TEST/EVAL CAPABILITY.....	6,853	6,853	---
WEATHER SERVICE.....	1,000	1,000	---
DEF METEOR SATEL PROG.....	49,040	39,040	-10,000
MANUFACTURING TECHNOLOGY.....	31,319	31,319	---
TOTAL, DEFENSEWIDE MISSION SUPPORT.....	808,355	680,592	-127,763
CONVENTIONAL DEFENSE INITIATIVES			
NATO COOPERATIVE.....	---	30,000	+30,000
SMALL ROTARY ENGINE, RPV.....	---	1,000	+1,000
TOTAL, CONVENTIONAL DEFENSE INITIATIVES.....	---	31,000	+31,000

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
GENERAL REDUCTION	---	-10.000	-10.000
INTEGRATED PLATFORM COMM DEVEL	---	69.021	+69.021
PRIOR YEAR FUEL SAVINGS	---	-72	-72
PRIOR YEAR FUEL SAVINGS (BY TRANSFER)	---	(72)	(+72)
FT 87 FUEL SAVINGS	---	-800	-800
COOPERATIVE DOD/VA MEDICAL RESEARCH	---	10.000	+10.000
FLOATING BEAM AVIONICS RACK	---	10.000	+10.000
V-22 ENGINE TECH	---	40.000	+40.000
RACER	---	8.200	+8.200
RACER (PRIOR YEAR TRANSFER)	---	(11.800)	(+11.800)

TOTAL, RESEARCH DEVELOPMENT TEST + EVAL, NAVY	10.586.800	8.640.727	-1.946.073
TRANSFER FROM OTHER ACCOUNTS	---	(29.050)	(+29.050)

TOTAL FUNDING AVAILABLE	10.586.800	8.669.777	-1.917.023

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE

Appropriations, 1986	¹ \$13,718,208,000
Adjusted Base, 1986	¹ 13,046,016,000
New Obligational Authority, 1987:	
Estimate	17,275,400,000
Recommended	14,190,262,000
Decrease	3,085,138,000
Total Recommended in the Bill	² 17,275,400,000

¹ And in addition, \$316,886,000 in prior year unobligated balances transferred forward to fiscal year 1986.

² Includes \$14,190,262,000 in new obligational authority and in addition \$66,200,000 in prior year unobligated balances to be derived by transfer from "Research, Development, Test and Evaluation, Air Force, 1986/1987."

This appropriation funds the Research, Development, Test and Evaluation activities of the Air Force.

AUTHORIZATION CHANGES

The Committee recommends the following changes in the budget estimate, in accordance with authorization action:

(\$000)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
RESEARCH DEVELOPMENT TEST + EVAL. AF			
AEROSPACE AVIONICS	67,026	60,000	-7,826
INTEGRATED EW SYSTEM ADV DEVELOPMENT	60,107	---	-60,107
ADV AVIONICS FOR ACFT	49,835	22,000	-27,835
ADV TURBINE ENGINE GAS GENERATOR	27,838	25,838	-2,000
ADV FIGHTER TECH INTEGRATION	30,679	25,000	-5,679
ADVANCED SYSTEM INTEGRATION DEMO	9,369	---	-9,369
ADVANCED SPACECRAFT TECH	14,373	7,000	-7,373
SPACE SYS ENVIRON INTERACTIONS TECH	8,529	3,529	-5,000
CRUISE MISSILE SURVEILLANCE TECH	18,850	13,850	-5,000
MANPOWER & PERSONNEL SYS TECH	2,370	---	-2,370
ADVANCED COMMUNICATIONS TECHNOLOGY	1,926	---	-1,926
ADVANCED COMPUTER TECHNOLOGY	10,491	---	-10,491
ELECTRO-OPTICAL WARFARE	53,363	---	-53,363
CHEMICAL WARFARE DEFENSE	5,149	4,949	-200
TRAINING SYSTEMS TECHNOLOGY	2,411	1,411	-1,000
DDO SOFTWARE ENGINEERING INSTITUTE	9,541	12,041	+2,500
COMD/CNTRL/COMM ADV DEV	22,963	6,916	-16,047
SHORT RANGE ATTACK MISSILE II	164,702	---	-164,702
STRATEGIC RELOCATABLE TARGET CAPABIL	985	---	-985
AIR DEFENSE BATTLE MGT TECH	2,500	---	-2,500
CRUISE MISSILE ENGAG SYS TECH	2,100	---	-2,100
ATMOSPHERIC SURVEILLANCE TECH	32,024	4,000	-28,024
B-1B	118,652	30,000	-88,652
COMMON STRATEGIC ROTARY LAUNCHER	14,591	13,591	-1,000
ICBM MODERNIZATION	2,116,798	1,575,498	-541,300
AIR LAUNCHED CRUISE MISSILE	6,065	4,065	-2,000
SPACE DEFENSE SYS	277,957	140,000	-137,957
MINUTEMAN SQUADROWS	67,526	47,526	-20,000
PACCS/WWARNCP SYS EC-135 CL V MODS	14,798	9,798	-5,000
SILBM RADAR WARNING SYSTEMS	19,752	17,752	-2,000
MINIMUM ESSENTIAL EMER COMM NETWORK	92,527	57,527	-35,000
MILSTAR SAT COMM SYS (AF TERMINALS)	298,527	278,000	-20,527
MILITARY AIRLIFT GROUP (1F)	8,963	---	-8,963
ADVANCED STRATEGIC WEAPON	---	100,000	+100,000
ADVANCED TACTICAL FIGHTER	294,099	---	-294,099
CV-22A	4,920	---	-4,920
LOW COST SEEKER	14,775	17,375	+2,600
MILLIMETER WAVE SEEKERS	14,179	---	-14,179
TECHNICAL ON-SITE INSPECTION (TOSI)	9,850	6,850	-3,000
C3CM ADVANCED SYSTEMS	4,512	---	-4,512
ACFT AVIONICS EQUIPMENT DEVELOPMENT	25,092	21,092	-4,000
ENGINE MODEL DERIVATIVE PROG	68,132	62,132	-6,000
INTEGRATED DIGITAL AVIONICS	13,394	---	-13,394
FW COUNTER RESPONSE	34,068	---	-34,068
ALTERNATE FIGHTER ENGINE	109,376	100,000	-9,376
INFRARED SEARCH & TRACK SYS	34,846	30,846	-4,000
NIGHT PRECISION ATTACK	40,103	10,000	-30,103
ADV SHORT RANGE AIR-TO-AIR MISSILE	386	---	-386
HARDENED TARGET MUNITIONS	15,115	---	-15,115
GRD LAUNCHED CRUISE MSL	7,377	---	-7,377
ARMAMENT ORDNANCE DEVELOPMENT	29,773	14,338	-15,435
WIDE-AREA ANTI-ARMOR MUNITION	15,102	39,102	+24,000
AIR BASE SURVIVABILITY & RECOVERY	21,330	20,330	-1,000
LIFE SUPPORT SYSTEM	12,396	15,396	+3,000
OTHER OPERATIONAL EQUIPMENT	14,469	10,569	-3,900
TAC C3 COUNTER-MEASURES	24,636	---	-24,636
COMBAT IDENTIFICATION SYSTEMS	12,012	---	-12,012

(\$000)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
SURFACE DEF SUPPRESSION.....	44,119	---	-44,119
AIRBORNE SELF-PROTECTION JAMMER.....	10,071	---	-10,071
PROTECTIVE SYSTEMS.....	92,705	---	-92,705
TACTICAL PROTECTIVE SYSTEMS.....	94,910	---	-94,910
COMPUTER RESOURCES MGT TECH.....	12,957	9,957	-3,000
PRECISION LOCATION STRIKE SYSTEM.....	26,601	20,000	-6,601
JSTARS.....	355,692	---	-355,692
F-111 SQUADRONS.....	35,236	---	-35,236
F-15 SQUADRONS.....	208,988	---	-208,988
F-16 SQUADRONS.....	81,323	---	-81,323
F-4G WILD WEASEL SQUADRONS.....	38,698	---	-38,698
TACTICAL ACM MISSILES.....	2,377	---	-2,377
TR-1 SQUADRONS.....	23,509	21,509	-2,000
FOLLOW-ON TAC RECCE SYS.....	30,583	18,583	-12,000
OVERSEAS AIR WEAPON CONT SYS.....	8,534	4,534	-4,000
AIR BORNE WARNING & CONTROL SYS.....	137,190	77,190	-60,000
ADV COMM SYS.....	33,335	---	-33,335
BASE COMM - TACTICAL AIR FORCES.....	3,207	1,207	-2,000
JT TACTICAL COMM PROG (TRI-TAC).....	11,425	8,425	-3,000
MAC COMMAND/CONTROL SYS.....	22,712	10,712	-12,000
A-7 SQUADRONS (AWG).....	4,531	---	-4,531
TACTICAL AIRCRAFT.....	---	450,000	+450,000
SPACE COMMUNICATIONS.....	35,805	33,805	-2,000
DEF SATELLITE COMM SYS.....	14,001	8,001	-6,000
TRAFFIC CNTRL/APPROACH/LANDING SYS.....	18,575	6,039	-12,536
NAVSTAR GLOBAL POS SYS (USER EQ).....	45,024	23,000	-22,024
NAVSTAR GPS (SPACE/GND SEGMENTS).....	44,362	24,362	-20,000
CONCEPT DEVELOPMENT.....	3,214	---	-3,214
SPACE TEST PROGRAM.....	73,692	17,192	-56,500
SATELLITE SYS SURVIVABILITY.....	5,405	---	-5,405
NATO COOPERATIVE R&D.....	49,249	---	-49,249
FLIGHT SIMULATOR DEVELOPMENT.....	102,736	74,599	-28,137
R&M MATURATION/TECH INSERTION.....	18,031	13,031	-5,000
RANGE IMPROVEMENT.....	64,616	61,616	-3,000
IMPROVED CAPABILITY FOR RDT+E.....	89,518	69,518	-20,000
PROJECT AIR FORCE.....	18,295	17,795	-500
RANCH HAND II EPIDEMIOLOGY STUDY.....	7,384	3,384	-4,000
NAV/RADAR/SLD TRACK TEST SPT.....	25,889	20,889	-5,000
ADV SYS ENGINEERING/PLAN.....	23,144	10,000	-13,144
ROUTE AIRCRAFT SUPPORT.....	62,404	57,404	-5,000
PRODUCTIVITY INVESTMENTS.....	5,106	3,000	-2,106
PRODUCT PERFORMANCE AGMT CNTR(PPAC).....	1,157	---	-1,157
SATELLITE CONTROL FACILITY.....	91,714	76,714	-15,000
DEPOT MAINTENANCE (NON-IF).....	487	---	-487
INDUSTRIAL PREPAREDNESS.....	83,573	63,573	-20,000
PRODUCT/RELIABLE/AVAIL/MAINTAIN PROG.....	31,405	15,000	-16,405
NATO COOPERATIVE R & D.....	---	30,000	+30,000
PRIOR YEAR FUEL SAVINGS.....	---	-2,400	-2,400
FY 87 FUEL SAVINGS.....	---	-26,800	-26,800
COOPERATIVE DOD/VA MEDICAL RESEARCH.....	---	15,000	+15,000

COMMITTEE RECOMMENDATIONS

PROGRAM FUNDING ADJUSTMENTS

The budget request included amounts for some programs which exceeded by unjustifiably large percentages the amounts provided for fiscal year 1986. The Committee accordingly recommends the following reductions:

(In thousands of dollars)

	Budget request	Committee recommended	Change from budget
In-House Lab Indep Res	\$17,465	\$15,491	-\$1,974
Defense Research Sciences	212,587	199,584	-13,003
Geophysics	40,625	38,174	-2,451
Materials	57,478	51,541	-5,937
Aerospace Flight Dynamics	70,281	66,562	-3,719
Aerospace Biotechnology	53,371	46,604	-6,767
Aerospace Propulsion	65,552	61,283	-4,269
Training/Simulation Tech	26,802	24,626	-2,176
Rocket Propulsion	41,890	38,791	-3,099
Advanced Weapons	37,070	35,050	-2,020
Conventional Munitions	49,884	39,919	-9,965
Command/Control/Commo	79,678	75,838	-3,840
Pers Utilization Tech	9,806	8,284	-1,522
Logistics Res & Dev Rqmts	19,061	11,000	-8,061
Acft Prop Subsys Integ	30,180	25,840	-4,340
Flt Vehicle Tech	27,557	19,789	-7,768
Aviation Turbine Fuel Tech	10,432	3,462	-6,970
Weapon System Power	3,544	1,198	-2,346
Adv Simulator Tech	5,054	4,374	-680
Lincoln Laboratory	26,524	22,268	-4,256
Space & Msl Rocket Prop	12,911	3,354	-9,557
Conventional Weapons	30,903	24,124	-6,779
Weather Systems	3,697	3,275	-422
Civil/Environ Engr Tech	13,703	11,393	-2,310
Counter/Countermeasures Adv Dev	7,612	6,159	-1,453
Acft Engine Comp Improv Prog	141,776	114,486	-27,290
C/B Defense Equip	27,187	23,342	-3,845

NCMC—SPACE DEFENSE SYSTEMS

The Air Force requested \$41,284,000 for NCMC—Space Defense Systems. Included in that sum are funds to upgrade an existing ASAT Prototype Mission Operations Center to a fully operational ASAT Mission Control Center. In past years, the Committee has denied funds for that purpose because of schedule slippage and affordability problems in the ASAT program. Those conditions continue to prevail, causing the proposed upgrade to continue to be premature. The Committee recommends \$26,284,000 for NCMC—Space Defense Systems, a reduction of \$15,000,000 from the budget.

INTEGRATED OPERATIONAL NUDET DETECTION SYSTEM (IONDS)

The Air Force requested \$31,346,000 for RDT&E on the Integrated Operational NUDET Detection System (IONDS) program. This program consists of sensors on the Global Positioning System (GPS) satellites. Considering the slippage that is occurring in the GPS

launch schedule as a result of the shuttle disaster, the Committee recommends a total of \$26,346,000 for RDT&E on the IONDS program, a reduction of \$5,000,000 from the budget request.

ICBM SILO HARDENING

Last year, both the Committee and the Committee of Conference directed the Air Force to construct, test and evaluate a double-walled cofferdam constructed of reinforced slipform concrete. The Committee continues to believe that this concept is highly attractive as a potential method for protecting existing silos at modest cost and without disrupting operational readiness. To date, insufficient progress has been made, owing primarily to bureaucratic obfuscation and delay. The Committee directs rapid execution, and directs that all efforts be planned and controlled solely by the Air Force.

LOW COST SEEKER

The Air Force requested \$14,775,000 for Low Cost Seeker, a program authorized by the House Armed Services Committee at \$17,375,000. As noted above in the RDT&E, Navy section of this report, the Committee continues to support strongly the Low Cost Seeker program, and consequently recommends the authorized amount of \$17,375,000.

C-17

Because of budgetary constraints, the Committee recommends \$547,262,000 for C-17 development, a reduction of \$65,000,000 from the budget request.

WIDE AREA ANTI-ARMOR MUNITION

The Committee recommends the authorized amount of \$39,102,000 for Wide Area Anti-Armor Munition, an increase of \$24,000,000 over the budget request. \$10,000,000 are provided to accelerate development of the Sensor Fused Weapon, and \$14,000,000 are provided for the Extended Range Anti-armor Munition.

PRECISION LOCATION STRIKE SYSTEM (PLSS)

The Precision Location Strike System is a Tactical Air Force system designed to locate enemy air defense emitters in near real time and to destroy them. The budget included a request of \$26,601,000 for continued RDT&E on the PLSS program. The Committee recommends a funding level of \$20,000,000, the authorized level. The Committee directs that the evaluation of the PLSS program be conducted jointly by the Air Force, the Office of Secretary of Defense and the National Security Agency.

TACTICAL AIR CONTROL SYSTEM

The Committee recommends the budgeted amount of \$19,261,000 for Tactical Air Control System, subject to authorization.

ADVANCED COMMUNICATION SYSTEM

The Air Force requested \$33,335,000 for Advanced Communication System. Formerly funded in this program was the Enhanced JTIDS System (EJS), which the Air Force has cancelled. Unobligated fiscal year 1986 EJS funds in the amount of \$66,200,000 are available for other purposes. The Committee recommends no funds for Advanced Communication System and a general reduction of \$32,865,000, for a total reduction of \$66,200,000, offset by a transfer of fiscal year 1986 EJS funds.

I-S/A AMPE SYSTEM

The Committee recommends the budgeted amount of \$54,567,000 for I-S/A AMPE System, subject to authorization.

CONSOLIDATED SPACE OPERATIONS CENTER

The Air Force requested \$93,664,000 for the Consolidated Space Operations Center (CSOC). The CSOC consists of the Shuttle Operations and Planning Complex (SOPC) and the Satellite Operations Complex (SOC). These facilities are planned to be sophisticated combinations of computer hardware, software and telecommunications to provide planning and control for classified and special military mission space shuttle flights and to provide on-orbit control of national security space assets.

The Committee is concerned about DoD's current development approach and acquisition strategy for this \$1.4 billion program. The CSOC was originally justified on the need for significantly improved capabilities for numerous future missions. DoD has recently scaled back its plan to an "austere" design-to-budget approach. In the wake of the tragic shuttle accident, and in view of the implications of the President's Strategic Defense Initiative, the Committee is concerned about how well DoD's currently planned SOPC will be able to cost-effectively address the needs of the 1990's.

The Committee is also advised that the Data Systems Modernization program for the Air Force Satellite Control Facility has experienced significant performance problems, cost growth, and schedule slippage. These have impacted both the CSOC budget and the current plans for an "austere" SOC. The Committee is concerned whether the currently planned SOC can cost-effectively provide adequate capabilities and back-up to the Satellite Control Facility for essential national security missions.

The Committee intends to direct that GAO perform an overall assessment of current CSOC plans and supporting studies to assess the flexibility of the plans to address future needs and policy options, the risks of Air Force's current technical approaches to developing both the SOPC and the SOC, and the extent to which the "austere" SOPC and SOC will be able to fulfill the national security requirements. The initial results of GAO's assessment are to be received by April 1987. The Committee expects the full cooperation of DoD with this GAO study. In view of the foregoing, the Committee recommends \$83,664,000 for Consolidated Space Operations Center, a reduction of \$10,000,000 from the budget request.

SPACE SHUTTLE OPERATIONS

The Air Force budgeted \$175,867,000 for Space Shuttle operations in fiscal year 1987. The Committee recommends a reduction of \$32,900,000 related to recoupment of excess reimbursements to NASA, as explained in the Operation and Maintenance section of this report. The Committee also recommends a reduction of \$35,000,000 due to decreased Shuttle activity resulting from the tragic Challenger accident. In total, the Committee recommends \$107,967,000, a reduction of \$67,900,000.

CLASSIFIED PROGRAMS

The Committee recommends reductions of \$23,785,000 in classified programs for reasons explained in the classified annex to this report, and in a classified letter to the Secretary of Defense.

A-7 STRIKE FIGHTER

The Committee recommends \$35,000,000 above the budget for the A-7 Strike Fighter, subject to authorization.

ACQUISITION AND COMMAND SUPPORT

TEST AND EVALUATION SUPPORT

REAL PROPERTY MAINTENANCE

BASE OPERATIONS

Until this year, Air Force funded the administration, operation and maintenance of its laboratories and test ranges in two accounts. The total funding for fiscal year 1986, after Gramm-Rudman reductions, was \$739,070,000.

This year, the same functions are now funded in four accounts, budgeted for fiscal year 1987 at \$839,790,000, for a 13.6 percent increase. The Committee finds so large an increase to be unjustified, and recommends a real growth of 5 percent, over the adjusted fiscal year 1986 funding. A pro rata allocation of the resulting reduction is as follows:

(in thousands of dollars)

	Fiscal year 1987 budget	Committee recommended	Change from budget
Program:			
Acquisition and command support	285,063	269,940	-15,123
Test and evaluation support	304,151	288,015	-16,136
Real property maintenance	140,310	132,866	-7,444
Base operations	110,266	104,418	-5,850
Total	839,792	795,239	-44,553

The amount recommended for Test and Evaluation Support is subject to authorization.

PROGRAM SUMMARY

The following schedule shows the budget estimate, the recommended appropriation, and the change from the budget estimate for fiscal year 1987:

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
RESEARCH DEVELOPMENT TEST + EVAL, AF			
TECHNOLOGY BASE			
IN-HOUSE LAB INDEPENDENT RESEARCH.....	17,465	15,491	-1,974
DEFENSE RESEARCH SCIENCES.....	212,587	199,584	-13,003
UNIVERSITY RESEARCH INITIATIVES.....	12,530	12,530	---
GEOPHYSICS.....	40,625	38,174	-2,451
MATERIALS.....	57,478	51,541	-5,937
AEROSPACE FLIGHT DYNAMICS.....	70,281	66,562	-3,719
AEROSPACE BIOTECHNOLOGY.....	53,371	46,604	-6,767
AEROSPACE PROPULSION.....	65,552	61,283	-4,269
AEROSPACE AVIONICS.....	67,826	60,000	-7,826
TRAINING/SIMULATION TECH.....	26,802	24,626	-2,176
CIVIL ENGINEERING & ENVIRONMENTAL QA.....	5,425	5,425	---
ROCKET PROPULSION.....	41,890	38,791	-3,099
ADVANCED WEAPONS.....	37,070	35,050	-2,020
CONVENTIONAL MUNITIONS.....	49,884	39,919	-9,965
COMMAND/CONTROL/COMMUNICATION.....	79,678	75,638	-3,840
PERF UTILIZATION TECH.....	9,806	8,284	-1,522
TOTAL, TECHNOLOGY BASE.....	848,270	779,702	-68,568
ADVANCE TECHNOLOGY DEVELOPMENT			
LOGISTICS RESEARCH & DEVELOPMENTS.....	19,061	11,000	-8,061
INTEGRATED EW SYSTEM ADV DEVELOPMENT.....	60,107	---	-60,107
ACFT PROPULSION SUBSYS INTEGRATION.....	30,180	25,840	-4,340
ADV AVIONICS FOR ACFT.....	49,835	22,000	-27,835
PLT VEHICLE TECHNOLOGY.....	27,557	19,789	-7,768
RECON SENSORS/PROCESSING TECHNOLOGY.....	6,064	6,064	---
AEROSPACE STRUCTURES/MATERIALS.....	31,512	27,000	-4,512
AVIATION TURBINE FUEL TECHNOLOGY.....	10,432	3,462	-6,970
ADV TURBINE ENGINE GAS GENERATOR.....	27,838	25,838	-2,000
WEAPON SYSTEM POWER.....	3,544	1,198	-2,346
DOB COMMON PROG LANGUAGE(ADA)ADV DEV.....	6,890	6,890	---
ADVANCED SIMULATOR TECHNOLOGY.....	5,054	4,374	-680
CREW SYSTEMS TECHNOLOGY.....	15,905	15,905	---
ACFT NON-NUCLEAR SURVIVABILITY.....	2,470	2,470	---
ADV FIGHTER TECH INTEGRATION.....	30,679	25,000	-5,679
LINCOLN LABORATORY.....	26,524	22,268	-4,256
ADVANCED SYSTEM INTEGRATION DEMO.....	9,369	---	-9,369
CARTOG APPLICATIONS-TAC & STRAT SYS.....	1,706	1,706	---
NATIONAL AEROSPACE PLANE TECHNOLOGY.....	33,490	---	-33,490
SPACE & MSL ROCKET PROPULSION.....	12,911	3,354	-9,557
HYPERVELOCITY MISSILE.....	9,609	9,609	---
ADVANCED SPACECRAFT TECH.....	14,373	7,000	-7,373
SPACE SYS ENVIRON INTERACTIONS TECH.....	8,529	3,529	-5,000
CRUISE MISSILE SURVEILLANCE TECH.....	16,850	13,850	-3,000
VERY HIGH SPEED INTEGRATED CIRCUITS.....	132,897	132,897	---
CONVENTIONAL WEAPONS.....	30,903	24,124	-6,779
ADVANCED RADIATION TECH.....	23,641	23,641	---
MANPOWER & PERSONNEL SYS TECH.....	2,370	---	-2,370
WEATHER SYSTEMS.....	3,697	3,275	-422
CIVIL/ENVIRONMENTAL ENGR TECH.....	13,703	11,393	-2,310
FIBER OPTICS DEVELOPMENT.....	2,841	2,841	---
ADVANCED COMMUNICATIONS TECHNOLOGY.....	1,926	---	-1,926
ADVANCED COMPUTER TECHNOLOGY.....	10,491	---	-10,491
ELECTRO-OPTICAL WARFARE.....	53,363	---	-53,363
CHEMICAL WARFARE DEFENSE.....	5,149	4,949	-200
COUNTER/COUNTERMEASURES -ADV DEV.....	7,612	6,159	-1,453
TRAINING SYSTEMS TECHNOLOGY.....	2,411	1,411	-1,000

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
DOD SOFTWARE ENGINEERING INSTITUTE.....	9,541	12,041	+2,500
COMB/CTRL/COMM ADV DEV.....	22,963	6,916	-16,047
TOTAL, ADVANCE TECHNOLOGY DEVELOPMENT.....	783,997	487,793	-296,204

STRATEGIC PROGRAMS

ADVANCED STRATEGIC MISSILE SYSTEMS.....	176,915	135,000	-51,915
SHORT RANGE ATTACK MISSILE II.....	164,702	---	-164,702
STRATEGIC RELOCATABLE TARGET CAPABIL.....	985	---	-985
AIR DEFENSE BATTLE MGT TECH.....	2,500	---	-2,500
CRUISE MISSILE ENGAG SYS TECH.....	2,100	---	-2,100
ATMOSPHERIC SURVEILLANCE TECH.....	32,024	4,000	-28,024
WAWCCS ARCHITECTURE.....	2,224	2,224	---
B-1B.....	110,652	50,000	-68,652
COMMON STRATEGIC ROTARY LAUNCHER.....	14,591	13,591	-1,000
ICBM MODERNIZATION.....	2,116,798	1,575,499	-541,300
STRAT CONV STANDOFF CAPA(SCSC).....	7,464	7,464	---
AIR LAUNCHED CRUISE MISSILE.....	8,065	4,065	-2,000
SPACE DEFENSE SYS.....	277,957	140,000	-137,957
SYSTEMS SURVIVABILITY (NUC APPRCTS).....	13,515	13,515	---
KC-135 SQUADRONS.....	3,941	---	-3,941
MINUTEMAN SQUADRONS.....	67,526	47,526	-20,000
PACCS/WAWBNCP SYS EC-135 CL V MDS.....	14,798	9,798	-5,000
SAC COMMUNICATIONS.....	610	610	---
NCMC - TV/AA SYSTEMS.....	32,935	32,935	---
NCMC - SPACE DEFENSE SYSTEMS.....	41,284	26,284	-15,000
BALLISTIC MSL TAC WNG/ATK ASSES SYS.....	3,084	3,084	---
JOINT SURVEILLANCE SYSTEM.....	3,509	3,509	---
SURVEILL RADAR STATIONS/SITES.....	25,004	25,004	---
DEW RADAR STATIONS.....	14,430	14,430	---
OVER-THE-HORIZON RADAR.....	33,877	33,877	---
BALLISTIC MSL EARLY WNG SYSTEM.....	16,225	16,225	---
SPACETRACK.....	16,461	16,461	---
DEFENSE SUPPORT PROGRAM.....	138,178	118,178	-20,000
SILM RADAR WARNING SYSTEMS.....	19,752	17,752	-2,000
INTEGRATED OPER MUDETS DETECT SYS.....	31,346	26,346	-5,000
COMB CTR PROCESS/DISPLAY SYS.....	27,027	27,027	---
MINIMUM ESSENTIAL EMER COMM NETWORK.....	92,527	57,527	-35,000
WAWCCS INFORMATION SYSTEM.....	8,510	8,510	---
WAWCCS INFORMATION SYSTEM - JPMO.....	111,374	111,374	---
HILSTAR SAT COMM SYS (AF TERMINALS).....	298,527	278,000	-20,527
HILSTAR COMM SAT SYSTEM.....	493,357	493,357	---
CLASSIFIED PROGRAMS.....	2,636,868	2,486,997	-149,871
MILITARY AIRLIFT GROUP (IF).....	8,963	---	-8,963
ADVANCED STRATEGIC WEAPON.....	---	100,000	+100,000
TOTAL, STRATEGIC PROGRAMS.....	7,076,605	5,890,188	-1,186,417

TACTICAL PROGRAMS

ADVANCED TACTICAL FIGHTER.....	294,099	---	-294,099
UNMANNED AIR RECONNAISSANCE VEHICLE.....	3,940	3,940	---
CV-22A.....	4,920	---	-4,920
AIR BASE SURVIVABILITY & RECOVERY.....	7,078	7,078	---
LOW COST SEEKER.....	14,775	17,375	+2,600
MILLIMETER WAVE SEEKERS.....	14,179	---	-14,179
DOD PHYSICAL SECURITY EQ-EXTERIOR.....	984	984	---
TECHNICAL ON-SITE INSPECTION (TOSI).....	9,850	8,850	-3,000
COMBAT IDENTIFICATION TECHNOLOGY.....	6,314	6,314	---
C3CM ADVANCED SYSTEMS.....	4,512	---	-4,512

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
ACFT AVIONICS EQUIPMENT DEVELOPMENT.....	25,092	21,092	-4,000
AIRCRAFT EQUIPMENT DEV.....	4,862	4,862	---
ENGINE MODEL DERIVATIVE PROG.....	68,132	62,132	-6,000
INTEGRATED DIGITAL AVIONICS.....	13,394	---	-13,394
EW COUNTER RESPONSE.....	34,068	---	-34,068
NUCLEAR WEAPONS SUPPORT.....	4,341	4,341	---
ALTERNATE FIGHTER ENGINE.....	109,376	100,000	-9,376
C-17 PROGRAM.....	612,262	547,262	-65,000
INFRARED SEARCH & TRACK SYS.....	34,848	30,848	-4,000
MODULAR AUTOMATIC TEST EQUIPMENT.....	23,682	23,682	---
NIGHT PRECISION ATTACK.....	40,103	10,000	-30,103
ACFT ENGINE COMPONENT IMPROVE PROG.....	141,776	114,486	-27,290
T-46A.....	10,756	10,756	---
ADV MED RANGE AIR-TO-AIR MSL.....	39,080	39,080	---
ADV SHORT RANGE AIR-TO-AIR MISSILE.....	386	---	-386
JOINT TACTICAL FUSION PROGRAM.....	24,661	24,661	---
HARDENED TARGET MUNITIONS.....	15,115	---	-15,115
GRD LAUNCHED CRUISE MSL.....	7,377	---	-7,377
C/B DEFENSE EQUIPMENT.....	27,187	23,342	-3,845
ARMAMENT ORDNANCE DEVELOPMENT.....	29,773	14,338	-15,435
SURMUNITIONS.....	4,921	4,921	---
WIDE-AREA ANTI-ARMOR MUNITION.....	15,102	39,102	+24,000
AIR BASE SURVIVABILITY & RECOVERY.....	21,330	20,330	-1,000
AEROMEDICAL SYSTEMS DEVELOPMENT.....	9,341	9,341	---
LIFE SUPPORT SYSTEM.....	12,396	15,396	+3,000
OTHER OPERATIONAL EQUIPMENT.....	14,469	10,569	-3,900
RECONNAISSANCE EQUIPMENT.....	9,540	9,540	---
DOD PHYSICAL SECURITY EQ-EXTERIOR.....	18,511	18,511	---
TAC CS COUNTER-MEASURES.....	24,636	---	-24,636
COMBAT IDENTIFICATION SYSTEMS.....	12,012	---	-12,012
SURFACE DEF SUPPRESSION.....	44,119	---	-44,119
AIRBORNE SELF-PROTECTION JAWPER.....	10,071	---	-10,071
PROTECTIVE SYSTEMS.....	92,705	---	-92,705
TACTICAL PROTECTIVE SYSTEMS.....	94,910	---	-94,910
COMPUTER RESOURCES NOT TECH.....	12,957	9,957	-3,000
PRECISION LOCATION STRIKE SYSTEM.....	26,401	20,000	-6,401
INTELLIGENCE EQUIPMENT.....	10,417	10,417	---
SIDE LOOKING AIRBORNE RADAR (SLAR).....	19,691	19,691	---
JSTARS.....	355,692	---	-355,692
JT INTEROPERABILITY TAC COMB/CNTRL.....	9,866	9,866	---
F-111 SQUADRONS.....	35,236	---	-35,236
F-15 SQUADRONS.....	208,988	---	-208,988
F-16 SQUADRONS.....	81,323	---	-81,323
F-40 WILD WEASEL SQUADRONS.....	38,698	---	-38,698
TACTICAL AGM MISSILES.....	2,377	---	-2,377
TR-1 SQUADRONS.....	23,509	21,509	-2,000
FOLLOW-ON TAC RECCE SYS.....	30,583	18,583	-12,000
AIR FORCE TENCAP.....	105	105	---
OVERSEAS AIR WEAPON COMT SYS.....	8,534	4,534	-4,000
TACTICAL AIR CONTROL SYSTEM.....	19,261	19,261	---
AIR BORNE WARNING & CONTROL SYS.....	137,190	77,190	-60,000
ADV COMB SYS.....	33,335	---	-33,335
ADV COMB SYS, GENERAL REDUCTION.....	---	-32,865	-32,865
ADV COMB SYS, GENERAL REDUCTION (BY TRANSPER).....	---	(66,200)	(+66,200)
TAC AIR INTELL SYS ACTVS.....	492	492	---
TACTICAL RECON IMAGERY EXPLOITATION.....	831	831	---
BASE COMB - TACTICAL AIR FORCES.....	1,207	1,207	-2,000
JT TACTICAL COMB PROG (TRI-TAC).....	11,425	8,425	-3,000
SATELLITE COMMUNICATIONS TERMINALS.....	4,615	4,615	---
ELECTRONIC COMBAT INTEL SPT.....	1,784	1,784	---
MAC COMMAND/CONTROL SYS.....	22,712	10,712	-12,000
SPECIAL OPERATIONS FORCES.....	66,539	66,539	---
A-7 SQUADRONS (ANG).....	4,531	---	-4,531
CLASSIFIED PROGRAMS.....	723,023	825,649	+102,626

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
TACTICAL AIRCRAFT.....	---	450,000	+450,000
A-7 STRIKEFIGHTER.....	---	35,000	+35,000
TOTAL, TACTICAL PROGRAMS.....	3,904,505	2,784,633	-1,119,872

INTELLIGENCE & COMMUNICATIONS

INTELLIGENCE ADVANCED DEVELOPMENT.....	6,081	6,081	---
SPACE COMMUNICATIONS.....	35,805	33,805	-2,000
NNCS-WIDE SUPPORT-COMMUNICATIONS.....	1,970	1,970	---
DEF SATELLITE COMM SYS.....	14,001	8,001	-6,000
LONG-HAUL COMMUNICATIONS (DCS).....	5,630	5,630	---
I-S/A AMPSE SYSTEM.....	54,567	54,567	---
ELECTROMAG COMPATIBILITY ANAL CTR.....	7,670	7,670	---
TRAFFIC CNTRL/APPROACH/LANDING SYS.....	18,575	6,039	-12,536
NAVSTAR GLOBAL POS SYS (USER EQ).....	45,024	23,000	-22,024
NAVSTAR GPS (SPACE/GRD SEGMENTS).....	44,362	24,362	-20,000
GEN INTELLIGENCE SKILL TNG.....	4,788	4,788	---
CLASSIFIED PROGRAMS.....	2,302,268	2,325,728	+23,460
TOTAL, INTELLIGENCE & COMMUNICATIONS.....	2,540,741	2,501,641	-39,100

DEFENSEWIDE MISSION SUPPORT

CONCEPT DEVELOPMENT.....	3,214	---	-3,214
SPACE TEST PROGRAM.....	73,692	17,192	-56,500
SATELLITE SYS SURVIVABILITY.....	5,405	---	-5,405
NATO COOPERATIVE R&D.....	49,249	---	-49,249
ADV AERIAL TARGETS DEV.....	11,149	11,149	---
FLIGHT SIMULATOR DEVELOPMENT.....	102,736	74,599	-28,137
VARIABLE IN-FLT TEST ACFT (VISTA).....	8,680	8,680	---
RLN MATURATION/TECH INSERTION.....	18,031	13,031	-5,000
WEATHER SYSTEMS.....	8,444	8,444	---
RANGE IMPROVEMENT.....	64,616	61,616	-3,000
ELECTROMAG RADIATION TEST FACIL.....	5,686	5,686	---
IMPROVED CAPABILITY FOR RDT+E.....	89,518	69,518	-20,000
PROJECT AIR FORCE.....	18,795	17,795	-1,000
ACQ/COND SPT - TELECON.....	10,987	10,987	---
RANCH HAND II EPIDEMIOLOGY STUDY.....	7,384	3,384	-4,000
NAV/RADAR/SLED TRACK TEST SPT.....	25,889	20,889	-5,000
ACQUISITION AND COMMAND SUPPORT.....	285,063	269,940	-15,123
TEST AND EVALUATION SPT.....	304,151	288,015	-16,136
ADV SYS ENGINEERING/PLAN.....	23,144	10,000	-13,144
RDT+E AIRCRAFT SUPPORT.....	62,404	57,404	-5,000
PRODUCTIVITY INVESTMENTS.....	5,106	3,000	-2,106
PRODUCT PERFORMANCE AGMT CNTR(PFAC).....	1,157	---	-1,157
REAL PROPERTY MAINT -RDT+E.....	140,310	132,866	-7,444
BASE OPERATIONS (RDT+E).....	110,268	104,418	-5,850
SATELLITE CONTROL FACILITY.....	91,714	76,714	-15,000
SPACE BOOSTERS.....	138,690	138,690	---
CONSOLIDATED SPACE OPERATIONS CENTER.....	93,664	83,664	-10,000
DEF METEOROLOGICAL SATELLITE PROG.....	63,772	63,772	---
SPACE SHUTTLE OPERATIONS.....	175,867	107,967	-67,900
INVENTORY CONTROL POINT OPERATIONS.....	4,788	4,788	---
DEPOT MAINTENANCE (NON-IP).....	487	---	-487
INDUSTRIAL PREPAREDNESS.....	83,573	63,573	-20,000
PRODUCT/RELIABLE/AVAIL/MAINTAIN PROG.....	31,405	15,000	-16,405
INTERNATIONAL ACTIVITIES.....	2,744	2,744	---
TOTAL, DEFENSEWIDE MISSION SUPPORT.....	2,121,282	1,745,525	-375,757

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST

CONVENTIONAL DEFENSE INITIATIVE			
NATO COOPERATIVE R & D.....	---	30,000	+30,000
TOTAL. CONVENTIONAL DEFENSE INITIATIVE.....	---	30,000	+30,000

GENERAL REDUCTION.....	---	-15,000	-15,000
PRIOR YEAR FUEL SAVINGS.....	---	-2,400	-2,400
FY 87 FUEL SAVINGS.....	---	-26,800	-26,800
COOPERATIVE DOD/VA MEDICAL RESEARCH.....	---	15,000	+15,000

TOTAL. RESEARCH DEVELOPMENT TEST & EVAL. AF.....	17,375,400	14,190,262	-3,085,138
TRANSFER FROM OTHER ACCOUNTS.....	---	(66,200)	(+66,200)

TOTAL FUNDING AVAILABLE.....	17,375,400	14,256,462	-3,018,938

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFENSE AGENCIES

Appropriations, 1986	\$6,637,386,000
Adjusted Base, 1986	6,312,154,000
New Obligational Authority, 1987:	
Estimate	8,364,300,000
Recommended	6,577,588,000
Decrease	1,789,712,000
Total Recommended in the Bill	¹ 6,604,088,000

¹ This includes \$6,577,588,000 in new obligational authority and in addition \$26,500,000 in prior year unobligated balances to be derived by transfer from "Research, Development, Test and Evaluation, Defense Agencies, 1986/1987."

This appropriation funds the Research, Development, Test and Evaluation activities of the Defense Agencies.

AUTHORIZATION CHANGES

The Committee recommends the following changes in the budget estimate, in accordance with authorization action:

[In thousands of dollars]

	Budget request	Committee recommended	Change from budget
Strategic Technology	240,620	230,620	- 10,000
Integrated Comd/Control Tech	56,500	49,000	- 7,500
Surveillance, Acqsn, Track and Kill Assessment	1,262,413	844,413	- 418,000
Directed Energy Weapons	1,614,955	1,056,955	- 558,000
Kinetic Energy Weapons	991,214	620,214	- 371,000
Systems Concepts and Battle Management	462,206	258,206	- 194,000
Survivability, Lethality and Key Spt Technology	454,367	295,367	- 159,000
Joint DOD-DOE Munitions Tech Dev	8,803	7,803	- 1,000
Command and Control Research	2,062	1,813	- 249
C3 Interoperability (Joint Tactical C3 Agcy)	68,835	61,835	- 7,000
Management Headquarters (JTC3A)	8,816	8,000	- 816
ASD/C3I		488,857	+ 488,857
NAID Research and Development	49,436	44,436	- 5,000
General Support for PA/E	3,912	2,412	- 1,500
General Support for Net Assessment	4,415	3,815	- 600
General Support for FM&P	2,049	1,749	- 300
Critical Technology	3,474	2,874	- 600
Rand Research Center for OSD and OJCS	16,717	14,117	- 2,600
CINCPAC Contract Studies Support	5,000		- 5,000
General Support to C3I	3,164	2,164	- 1,000
General Support for A&I	3,263	2,363	- 900
Critical Technology Analysis	3,000	2,300	- 700
Defense Technical Info Center	22,500	20,500	- 2,000

COMMITTEE RECOMMENDATIONS

PROGRAM FUNDING ADJUSTMENTS

The budget request included amounts for some programs which exceeded by unjustifiably large percentages the amounts provided for fiscal year 1986. The Committee accordingly recommends the following reductions:

[In thousands of dollars]

	Budget request	Committee recommended	Change from budget
Defense Research Sciences	\$95,900	\$92,000	-\$3,900
Technology Base	1,930	1,030	-900
Tech Spt to USDRE	20,617	16,600	-4,017
Support to Policy	6,931	5,556	-1,375
Info Analysis Centers	7,550	5,000	-2,550
Mgmt Headquarters SDI	17,411	15,000	-2,411
Industrial Preparedness	11,500	6,000	-5,500

STRATEGIC TECHNOLOGY

LONG-RANGE INTERCEPTOR EXPERIMENT

The Committee recommends \$230,620,000 for DARPA's Strategic Technology program, which is the authorized funding level. Of the recommended amount, \$20,000,000 is available only for the Long-Range Interceptor Experiment (LORAINE) project, which is also to include support of SWERVE technology development. The Committee agrees with DARPA that LORAINE/SWERVE technology is exactly the type of high-risk, high-payoff effort that is central to the agency's mission. The Air Force and Navy have expressed increasing interest in this program since the successful SWERVE III flight test in April 1985. In addition, LORAINE technology offers significant spinoffs for both the National Aerospace Plane and Strategic Defense Initiative programs. The Committee strongly supports the LORAINE project, and directs DARPA to submit future budget requests for LORAINE which are no less than the amounts presented in testimony before the Committee during consideration of the fiscal year 1987 budget.

MATERIALS PROCESSING TECHNOLOGY

Among the activities funded in this account is the study and development of tungsten heavy alloy for use as an advanced kinetic energy penetrator. This effort could significantly advance the application of unique materials processing in the development of kinetic energy rounds. The Committee directs that DARPA refrain from any reprogramming of prior year funds for this activity, and directs that the fiscal year 1987 program be carried out at the funding level stated in the President's budget, which is \$750,000.

TACTICAL TECHNOLOGY

The Committee recommends \$94,000,000 for the Tactical Technology program, a reduction of \$20,000,000. The recommendation would provide an increase in funding of 45 percent for the armor/anti-armor project instead of the proposed increase of 93 percent.

NUCLEAR MONITORING

Two experiments of new monitoring methods were to take place from the space shuttle in fiscal year 1986. Due to the delay in the Space Shuttle program, these launch support funds are no longer

needed in 1986 and are available for transfer to offset the fiscal year 1987 budget request.

DEFENSE NUCLEAR AGENCY

The Defense Nuclear Agency (DNA) requested \$347,013,000 for fiscal year 1987. The Committee recommends \$262,113,000, a reduction of \$84,900,000. The recommendation would reduce funding for a classified program, indirect costs, and intelligence studies, and delete funding for the Physical Security and Remote Classified Computing projects.

The Committee continues to believe that the increasing growth in DNA activities which are not directly related to its core mission of nuclear weapons effects testing and analysis has hampered the work in that area by draining scarce budget resources. Furthermore, some of the proposed funding is not substantiated by adequate data, and some activities have resulted in little value to the agencies which DNA serves. Funding for Physical Security and Remote Classified Computing is deleted for these reasons. The Committee believes that exploratory development in physical security would be more effectively carried out by the individual services. In the case of intelligence studies, the Committee believes that DNA is ineffectively managing this program, leading to some duplicative studies and others which are completed too late to be of value. This situation has existed for several years with little or no improvement. Therefore, the Committee recommends a 50 percent reduction in funding for DNA intelligence related studies, and directs that DNA discontinue their management of this work in fiscal year 1988. DNA requested a 26 percent increase in indirect costs for fiscal year 1987. While the Committee supports some increase in this area, budget constraints dictate a smaller rate of growth.

Consistent with these reductions, the Committee directs the Department of Defense to take the following actions, effective with the fiscal year 1988 budget: (1) place a higher funding priority on nuclear test (to include simulation) programs, as a proportion of the overall DNA budget; (2) discontinue DNA funding for physical security activities, and direct the inclusion of such activities in the services' budgets; (3) discontinue DNA funding for intelligence studies, and direct the Intelligence Community to evaluate their needs for such studies and include such funds in their 1988 budget.

STRATEGIC DEFENSE INITIATIVE

The Department of Defense requested \$4,802,566,000 for the Strategic Defense Initiative (SDI) in fiscal year 1987. The Committee recommends \$2,846,000,000, which is the authorized funding level. This represents an increase of 3 percent over the level provided for fiscal year 1986.

SDI ANNUAL REPORT TO THE CONGRESS

Public Law 98-525, which authorizes DoD appropriations for fiscal year 1985, requires the submission to the Congress of an annual report on the SDI program. This report includes funding

details for each SDI program, project, and task, and is required no later than March 15 of each year. This report has become highly significant, since it involves first notification to the Congress of program restructures resulting from funding reductions.

This year, the first (classified) version of the report was received by the Committee on May 6, over *six weeks* past the deadline mandated in P.L. 98-525, and one week after the Committee's hearing on SDI's proposed fiscal year 1987 budget. The Committee finds this totally unacceptable, and to ensure that the deadline is met for fiscal year 1988, the Committee directs that no more than \$7,500,000 may be obligated or expended for SDIO headquarters management activities until the classified version of the 1987 annual report is received by the Committee.

SDI FUNDING FOR NON-RESEARCH ACTIVITIES

The Committee believes that SDIO has programmed significant funding for items which offer little payoff to the research goals of the program, or which could more appropriately be funded in other accounts. SDIO should reconsider the priority of these activities in light of the sharp budget reductions authorized for fiscal year 1987, with the goal of receiving the highest *research* payoff from limited funding. These activities are described below.

SDIO PUBLIC AFFAIRS OFFICE

The SDI Organization (SDIO) is currently using RDT&E funds to finance the SDIO Public Affairs Office, which was created in March 1985. The Committee believes this to be inappropriate, since all other Public Affairs offices in DoD utilize either Military Personnel or Operations and Maintenance appropriations for this purpose, and since the planned use of funds does not involve any RDT&E activity. Secondly, DoD has over 1,000 staff in public affairs offices exclusive of SDIO, and their work responsibilities could include SDI matters. Since most SDI activity is conducted by the individual services, a separate and additional SDIO Public Affairs office seems unnecessary. Furthermore, Congressional budget reductions in fiscal year 1987 will require SDIO to fund *only* the highest priority efforts.

For these reasons, the Committee directs that no further funding, in *any* appropriations account for *any* fiscal year, be used for the SDIO Public Affairs Office. The functions of this office should be carried out by existing Public Affairs offices in the services and in the Office of the Secretary of Defense.

USE OF RDT&E FUNDING FOR MILITARY CONSTRUCTION AND OPERATION AND MAINTENANCE ACTIVITIES

A recent General Accounting Office (GAO) audit has disclosed several cases where SDI RDT&E funds had been, or were planned to be, utilized by field organizations for highly questionable items. These included maintenance and protection of the Safeguard Missile Complex, which closed in 1976, and procurement of a high-speed, 200-passenger ferry to transport SDI personnel between Kwajalein Island and Meck Island. In addition, the GAO discovered

plans by SDI executing agencies to obligate \$20,000,000 in military construction projects which were unknown to SDI headquarters officials. In addressing the seriousness of this issue, the GAO concluded the following:

... the availability of SDIO appropriations for such purposes could provide executing agencies the opportunity to remedy maintenance backlogs, improve office conditions, and acquire equipment and transportation assets that normally would not be funded. Moreover, an increasing amount of SDIO resources may be called upon to operate and maintain facilities once constructed, thus diluting the resources available for research.

In responding to these issues, SDIO stated that this was the result of the "usual turbulence associated with any major new program" in its formative years. The Committee is concerned about these issues, and expects SDIO to make whatever management improvements are necessary to resolve them expeditiously.

SDI FUNDING FOR THE NATIONAL AEROSPACE PLANE

As described earlier in this report, the Committee directs that \$30,000,000 of the amount recommended for SDI be allocated to development of the National Aerospace Plane. This is the budgeted and authorized amount.

SDI CIVIL APPLICATIONS INITIATIVE

Recognizing the potential for many civil applications of Strategic Defense Initiative technologies and the potential payback to the American taxpayer of the exploitation of those technologies that are not militarily sensitive, the Committee approves the use of not more than \$2,000,000 of the overall fiscal year 1987 SDI appropriation for management, identification and exploitation of these technologies for civil, medical and scientific benefits for all mankind.

FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTER FOR THE STRATEGIC DEFENSE INITIATIVE

The Administration has begun preparations to establish a government-funded "think tank" to provide technical support to the Strategic Defense Initiative Organization (SDIO). After completing a study on various alternatives for supplying the requisite technical analysis, including existing Federally Funded Research and Development Centers (FFRDCs), nonprofit organizations, or Pentagon offices, the Defense Department concluded that its needs can be met best through the establishment of a new FFRDC.

While the committee recognizes the importance of SDIO having access to expert technical support in carrying out system integration efforts and evaluating systems architecture work, the Committee has identified a number of questions regarding the proposed SDI Institute's (SDII) staffing procedures, goals and independence.

Specifically, the Committee is concerned about the degree of involvement envisioned by the SDIO in the selection of institute personnel, lack of peer review in assessing proposals to organize the Institute, absence of "revolving door" prohibitions against scien-

tists moving from the SDII to private companies whose performance they had previously evaluated, and whether the support sought by the Pentagon is not now available or could become available in an existing FFRDC, for-profit organization or nonprofit institution.

The number of unresolved issues surrounding the Administration's plan for the multi-million dollar SDII, including the ability of the proposed FFRDC to provide objective, conflict-free advice, leads the Committee to conclude that Congress should exercise its traditional oversight function in promoting the independence of any SDI "think tank" should one be judged necessary.

The controversial nature of the Administration's SDI program carries with it a special responsibility to ensure the objectivity and independence of any entity designed to fulfill technical evaluation functions. The Committee believes that this responsibility rests with Congress and therefore recommends bill language that precludes the obligation of funds for the SDII or other organization set up to provide technical support to the SDIO until Congress specifically authorizes and appropriates funds for the new facility.

EXPERIMENTAL EVALUATION OF MAJOR INNOVATIVE TECHNOLOGIES

The Committee recommends \$143,980,000 for Experimental Evaluation of Major Innovative Technologies in fiscal year 1987, and in addition, \$25,000,000 in prior year transfer funds. This includes a reduction for classified programs and a readjustment of funding for the Teal Ruby program. The prior year transfer involves Teal Ruby funding, and is based upon the delay in the space shuttle program.

CINC COMMAND AND CONTROL INITIATIVES

The Committee recommends no funds for CINC Command and Control Initiatives in fiscal year 1987. In fiscal year 1986, the appropriations conference directed DoD to eliminate DCA-administered "CINC Initiative" programs which were funded in both procurement and operations and maintenance accounts. The Committee believes that the rationale for that decision also applies to CINC Initiative projects funded in RDT&E. The Committee also notes that the budget justification material does not describe how the fiscal year 1987 funds would be used.

DCA LONG HAUL COMMUNICATIONS

The Defense Communications Agency budgeted \$39,113,000 for the Long Haul Communications Program. The Committee recommends \$23,613,000, a reduction of \$15,500,000 from the request.

This request includes \$15,500,000 for a new universal modem, which is proposed to become available in the early 1990's, and which is intended to replace three modems which the Department is still fielding. The Committee believes that more analysis and planning is required before work on the universal modem proceeds. The Department of Defense should report to the Committee by March 1, 1987, on the specific requirements for, and users of, a universal modem. The report should also cover how the Department plans to meet performance, survivability, and interoperability re-

quirements with the systems being fielded, with the new system, and during the transition between the two systems. The report should also include a specific plan for procurement, modification (where necessary), and fielding of the current and proposed systems, with particular attention given to the cost effective use of the systems currently being fielded.

SDI HEADQUARTERS MANAGEMENT

The Department of Defense requested \$17,411,000 for SDI Headquarters Management in fiscal year 1987. The Committee recommends \$15,000,000, which provides a 15 percent increase over fiscal year 1986. According to budget documentation, virtually all of the proposed increase is for the "other contracts" budget category. It is not clear to the Committee how increases in this category (compared to new staff, equipment or facilities) would assist the management effort. The Committee's recommendation does provide adequate funds to hire the 25 new staff planned by SDIO for fiscal year 1987.

INDUSTRIAL PREPAREDNESS

The Defense Logistics Agency (DLA) requested \$11,500,000 for Industrial Preparedness in fiscal year 1987. This provides funding for DLA Manufacturing Technology (MANTECH). The Committee recommends \$5,500,000, which is \$2,000,000 less than the authorized level.

DLA's requested funding represents an increase of 154 percent over the fiscal year 1986 level, and some projects do not appear to be of high priority. However, two projects appear to have significant merit, and which warrant a majority of the recommended funds. The Committee therefore directs that \$2,000,000 be allocated to the Military Sewn Products Automation (MILSPA) project, and that \$3,000,000 be allocated to the Microelectronics Emulation Project.

FOREIGN MATERIALS ACQUISITION AND EXPLOITATION

The fiscal year 1986 budget includes \$14,831,000 for a new program entitled Foreign Materials Acquisition and Exploitation, to be administered by the Office of the Secretary of Defense. Since the military services and the various intelligence agencies of the federal government already budget funds for this effort, the Committee does not believe it is necessary for duplicate funding to be established for the first time in fiscal year 1987. The Committee is therefore deleting the entire request.

CLASSIFIED PROGRAMS

The Committee recommends reductions of \$53,686,000 in classified programs for reasons explained in the classified annex to this report, and in a classified letter to the Secretary of Defense.

PROGRAM SUMMARY

The following schedule shows the budget estimate, the recommended appropriation, and the change from the budget estimate for fiscal year 1987:

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
RESEARCH DEVELOPMENT TEST & EVAL. DEF AGENCIES			
TECHNOLOGY BASE			
DEFENSE RESEARCH SCIENCES	95,900	92,000	-3,900
IN-HOUSE LAB INDEPENDENT RESEARCH	2,021	2,021	---
UNIVERSITY RESEARCH	12,500	12,500	---
STRATEGIC TECHNOLOGY	240,620	230,620	-10,000
TACTICAL TECHNOLOGY	114,000	94,000	-20,000
PARTICLE BEAM TECHNOLOGY	15,500	15,500	---
INTEGRATED CMD/CONTROL TECH	56,500	49,000	-7,500
MATERIALS PROCESSING TECH	34,660	34,660	---
NUCLEAR MONITORING	19,400	17,900	-1,500
NUCLEAR MONITORING (BY TRANSFER)	---	(1,500)	(+1,500)
DEFENSE NUCLEAR AGENCY	347,013	262,113	-84,900
TECHNOLOGY BASE	1,930	1,030	-900
TOTAL, TECHNOLOGY BASE	940,044	811,344	-128,700
ADVANCE TECHNOLOGY DEVELOPMENT			
SURVEILLANCE, ACQSN, TRACK & KILL ASSESSMENT	1,262,413	844,413	-418,000
DIRECTED ENERGY WEAPONS	1,614,955	1,056,955	-558,000
KINETIC ENERGY WEAPONS	991,214	420,214	-371,000
SYSTEMS CONCEPTS AND BATTLE MANAGEMENT	462,206	268,206	-194,000
SURVIVABILITY, LETHALITY & KEY SPT TECHNOLOGY	454,367	295,367	-159,000
SDI - GENERAL REDUCTION	---	-254,155	-254,155
JOIN DOD-DOE MUNITIONS TECH DEV	8,003	7,803	-1,000
EXP EVAL OF MAJOR INNOVATIVE TECH	172,600	143,980	-28,620
EXP EVAL OF MAJOR INNOVATIVE TECH (BY TRANSFER)	---	(25,000)	(+25,000)
NATIONAL AERO SPACE PLANE TECHNOLOGY PROGRAM	60,000	30,000	-30,000
SPECIAL OPERATIONS SPECIAL TECHNOLOGY OFFICE	4,365	4,365	---
COUNTER INSURGENCY & SPECIAL TECHNOLOGY	12,180	12,180	---
MICROWAVE/MILLIMETER WAVE MONOLITHIC INT CIR	11,172	11,172	---
COMPUTER AIDED LOGISTICS SUPPORT	14,831	14,831	---
DOD SOFTWARE INITIATIVES (STARS)	35,220	35,220	---
COMMAND AND CONTROL RESEARCH	2,062	1,013	-249
TOTAL, ADVANCE TECHNOLOGY DEVELOPMENT	5,106,388	3,092,364	-3,014,024
STRATEGIC PROGRAMS			
ISLAND SUN	31,853	31,853	---
NMCS-WIDE SUPPORT	10,485	10,485	---
NMCS SYSTEM ENGINEER	19,279	19,279	---
MINIMUM ESSENTIAL EMER COMM NETWORK	11,301	11,301	---
TOTAL, STRATEGIC PROGRAMS	72,918	72,918	---
TACTICAL PROGRAMS			
COMMON JT TACTICAL INFO DISTRIBUTION SYSTEM	211,930	211,930	---
CINC C2 INITIATIVES	2,158	---	-2,158
C3 INTEROPERABILITY (JOINT TACTICAL C3 AGCY)	68,835	61,835	-7,000
MANAGEMENT HEADQUARTERS (JTC3A)	8,816	8,700	-816
TOTAL, TACTICAL PROGRAMS	291,739	281,765	-9,974

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST

INTELLIGENCE & COMMUNICATIONS			
MAP/CHART/GEODESY INV/PROTOTYPE DEV.....	15,584	15,584	---
MAP/CHART/GEODESY ENGR DEV/TEST.....	2,337	2,337	---
LONG-HAUL COMMUNICATIONS (DCS).....	39,113	23,613	-15,500
SUPPORT OF THE NCS.....	3,041	3,041	---
CLASSIFIED PROGRAMS.....	1,674,626	1,622,940	-53,686
ASDC31.....	---	488,857	+488,857

TOTAL, INTELLIGENCE & COMMUNICATIONS.....	1,736,701	2,156,372	+419,671

DEFENSEWIDE MISSION SUPPORT			
NATO RESEARCH AND DEVELOPMENT.....	49,436	44,436	-5,000
TECHNICAL SUPPORT TO USDR/E.....	20,617	16,600	-4,017
GENERAL SUPPORT FOR PA/E.....	3,912	2,812	-1,500
SUPPORT TO POLICY.....	6,931	5,556	-1,375
GENERAL SUPPORT FOR NET ASSESSMENT.....	4,015	3,815	-600
GENERAL SUPPORT FOR PWMP.....	2,049	1,749	-300
CRITICAL TECHNOLOGY.....	3,074	2,874	-600
RAND RESEARCH CENTER FOR OSD & OJCS.....	16,717	14,117	-2,600
TAPESTRY.....	2,801	---	-2,801
BLACKLITE.....	4,000	4,000	---
CINC CONTRACT STUDIES SUPPORT.....	5,000	---	-5,000
GENERAL SUPPORT TO C3I.....	3,164	2,164	-1,000
FOREIGN MATERIALS ACQUISITION & EXPLOITATION.....	14,831	---	-14,831
GENERAL SUPPORT FOR ALL.....	3,263	2,363	-900
CRITICAL TECHNOLOGY ANALYSIS.....	3,000	2,300	-700
DEFENSE TECHNICAL INFO CENTER.....	22,500	20,500	-2,000
INFORMATION ANALYSIS CENTERS.....	7,550	5,000	-2,550
MANAGEMENT HEADQUARTERS SBI.....	17,411	15,000	-2,411
MGT HQ (RESEARCH/DEVELOPMENT).....	12,200	12,200	---
INDUSTRIAL PREPAREDNESS.....	11,500	8,000	-5,500
TECHNOLOGY TRANSFER FUNCTIONS.....	1,739	1,739	---

TOTAL, DEFENSEWIDE MISSION SUPPORT.....	216,510	162,825	-53,685

TOTAL, RESEARCH DEVELOPMENT TEST + EVAL, DEF AGENCIES	8,364,300	6,577,588	-1,786,712
TRANSFER FROM OTHER ACCOUNTS.....	---	(26,500)	(+26,500)

TOTAL FUNDING AVAILABLE.....	8,364,300	6,604,088	-1,760,212

DEVELOPMENTAL TEST AND EVALUATION, DEFENSE

Appropriations, 1986	\$118,500,000
Adjusted Base, 1986	113,918,000
New Obligational Authority, 1987:	
Estimate	141,800,000
Recommended	109,537,000
Decrease	32,263,000

The Committee recommends the appropriation of \$109,537,000 for the activities of Developmental Test and Evaluation, Defense in fiscal year 1987, a reduction of \$32,263,000 below the budget request.

These funds support Developmental Test and Evaluation, Defense for direction and supervision of test and evaluation, for joint testing, for improvement of the effectiveness and efficiency of the DoD major ranges and test facilities, and for technical and/or operational evaluation of foreign nations' weapons systems, equipment and technologies.

COMMITTEE RECOMMENDATIONS

NATO COOPERATIVE DEVELOPMENT TESTING

The Committee recommends \$42,991,000 for NATO Cooperative Development Testing. The reduction of \$5,000,000 is based upon authorization action.

TEST AND EVALUATION

The Department of Defense requested \$75,799,000 for Test and Evaluation in fiscal year 1987. The Committee recommends \$48,536,000, a reduction of \$27,263,000. The recommendation would defer continued funding for the IFFN and JFAAD test facilities until issues are resolved concerning the effectiveness of these systems and the degree of service support for their eventual utilization.

OPERATIONAL TEST AND EVALUATION, DEFENSE

Appropriations, 1986	
Adjusted Base, 1986	
New Obligational Authority, 1987:	
Estimate	\$11,300,000
Recommended	11,300,000
Decrease	

The Committee recommends the appropriation of the total budget request of \$11,300,000 for the Operational Test and Evaluation, Defense account.

This appropriation funds the activities of the Office of the Director, Operational Test and Evaluation.

TITLE V

SPECIAL FOREIGN CURRENCY PROGRAM

Appropriations, 1986	\$2,100,000
Adjusted Base, 1986	1,997,000
New Obligational Authority, 1987:	
Estimate	\$3,500,000
Recommended	\$3,500,000
Decrease	

The Committee recommends the appropriation of the total budget request of \$3,500,000 for payment in excess foreign currencies.

The special foreign currency appropriation provides dollars to be exclusively for the purchase from the Treasury of excess foreign currencies which are used in the financing of programs of benefit to the Department of Defense.

TITLE VI

REVOLVING AND MANAGEMENT FUNDS

STOCK FUNDS

Pursuant to the authority contained in the National Security Act of 1947, as amended (Title 10, United States Code, Section 2208), the Secretary of Defense has established stock funds in each of the Military Services, in the Defense Logistics Agency (DLA), and in the National Security Agency (NSA). Stock funds finance the procurement of material that, upon issue, become expenses of the consuming agency. The consuming agency reimburses the stock fund for the material when received and these reimbursements, in turn, finance the replacement of the inventory.

Typical of the classes of material financed under stock funds are: clothing, medical supplies, fuels, subsistence supplies, construction supplies, electrical and electronic supplies, ordnance repair parts, aircraft and missile parts, tank and automotive supplies and general retail supplies.

Obligations increase in FY 1987 over FY 1986 for increased inventory levels to support an expanding force structure, the modernization of the existing force, and other logistics initiatives. The following table summarizes the Committee's recommendations:

SUMMARY OF REVOLVING AND MANAGEMENT FUNDS

[In thousands of dollars]

	Fiscal year—				Change
	1986 enacted	1986 adjusted	1987 request	1987 recommended	
Army stock fund.....	393,000	373,743	296,700	230,138	—66,562
Navy stock fund.....	638,500	607,213	478,500	379,570	—98,930
Marine Corps stock fund.....	37,700	35,853	45,900	31,233	—14,667
Air Force stock fund.....	415,900	394,521	239,400	200,410	—38,990
Defense stock fund.....	149,700	142,365	136,800	66,949	—69,851
ADP equipment management fund.....	100,000	100,000			
Total.....	1,734,800	1,654,695	1,197,300	908,300	—289,000

ARMY STOCK FUND

Fiscal year 1986 appropriations.....	\$393,000,000
Fiscal year 1986 adjusted base.....	373,743,000
Fiscal year 1987 budget request.....	296,700,000
Committee recommendation.....	230,138,000
Change.....	—66,562,000

The Committee recommends an appropriation of \$230,138,000, a decrease of \$162,862,000 from the \$393,000,000 in total obligational

authority for fiscal year 1986 and \$143,605,000 below the available obligational authority in fiscal year 1986 after the sequestration required by the Defense Reduction Act of 1985.

The Committee's recommendation holds the peacetime inventory request to FY 1986 levels plus inflation and reduces war reserve inventory builds by \$48,562,000.

NAVY STOCK FUND

Fiscal year 1986 appropriations.....	\$638,500,000
Fiscal year 1986 adjusted base.....	607,213,000
Fiscal year 1987 budget request.....	478,500,000
Committee recommendation.....	379,570,000
Change.....	- 98,930,000

The Committee recommends an appropriation of \$379,570,000, a decrease of \$258,930,000 from the \$638,500,000 in total obligational authority for fiscal year 1986 and \$227,643,000 below the available obligational authority in fiscal year 1986 after the sequestration required by the Defense Reduction Act of 1985.

The Committee's recommendation holds the peacetime inventory request to FY 1986 levels plus inflation and reduces war reserve inventory builds by \$94,430,000.

MARINE CORPS STOCK FUND

Fiscal year 1986 appropriations.....	\$37,700,000
Fiscal year 1986 adjusted base.....	35,853,000
Fiscal year 1987 budget request.....	45,900,000
Committee recommendation.....	31,233,000
Change.....	- 14,667,000

The Committee recommends an appropriation of \$31,233,000, a decrease of \$6,467,000 below the \$37,700,000 in total obligational authority for fiscal year 1986 and \$4,620,000 below the available obligational authority in fiscal year 1986 after the sequestration required by the Defense Reduction Act of 1985.

The Committee's recommendation reduces the war reserve inventory build by \$14,667,000.

AIR FORCE STOCK FUND

Fiscal year 1986 appropriations.....	\$415,900,000
Fiscal year 1986 adjusted base.....	395,521,000
Fiscal year 1987 budget request.....	239,400,000
Committee recommendation.....	200,410,000
Change.....	- 38,990,000

The Committee recommends an appropriation of \$200,410,000, which reduces war reserve inventory builds by \$38,990,000.

DEFENSE STOCK FUND

Fiscal year 1986 appropriations.....	\$149,700,000
Fiscal year 1986 adjusted base.....	142,365,000
Fiscal year 1987 budget request.....	136,800,000
Committee recommendation.....	66,949,000
Change.....	- 69,851,000

The Committee recommends an appropriation of \$66,949,000, a decrease of \$82,751,000 from the \$149,700,000 in total obligational authority for fiscal year 1986 and \$75,416,000 below the available

obligational authority in fiscal year 1986 after the sequestration required by the Deficit Reduction Act of 1985.

The Committee's recommendation holds the peacetime inventory build to FY 1986 levels plus inflation and reduces war reserve inventory builds by \$46,851,000.

TITLE VII

CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE

Appropriations, 1986	
Adjusted base, 1986	
New obligational authority, 1987:	
Estimate	\$120,100,000
Recommended	120,100,000
Decrease	

COMMITTEE RECOMMENDATIONS

The budget proposes a new appropriation for chemical agents and munitions destruction. The budget proposal is in conformance with the requirements of Section 1412 of the Department of Defense Authorization Act, 1986 which stipulates that funds for chemical agent and munition destruction shall be set forth as a separate account and not included in the budget accounts for any of the military services.

The proposed appropriation includes funds for operation and maintenance, procurement, and research, development, test and evaluation activities. The budget proposes that the new appropriation be included as part of the procurement title in the bill and that all the funds appropriated be available for obligation for three years as are procurement funds. The Committee recommends that the appropriation be made a new title (Title VII) since it funds activities which overlap the traditional appropriation titles. Furthermore, the Committee recommends bill language which limits obligational availability to one year for the operation and maintenance portion, two years for the research, development, test and evaluation portion, and three years for the procurement portion. This is consistent with the availability for other funds in the corresponding titles of the bill.

Section 1412 also required the Secretary of Defense to develop a plan for destruction of the current chemical stockpile by September 30, 1994. In accordance with that requirement, a plan was submitted to the Congress on March 15, 1986. The plan evaluates and compares three alternatives: (1) onsite disposal with stocks destroyed at their current storage locations, (2) collocation of stocks to two regional centers, and (3) collocation of stocks to a national destruction site. Each of the alternatives assumes the use of the burning technology which is to be used at the Johnston Atoll Chemical Agent Disposal System (JACADS). Each of the alternatives costs about \$2 billion.

When the plan was submitted, Under Secretary of the Army James Ambrose wrote that the schedules in the plan "represent some degree of risk and may not be the most cost-effective ways to

achieving the goal." Mr. Ambrose observed that it would be much more prudent to complete and test the JACADS facility and to simultaneously continue development work on cryofracture technology, an alternative destruction approach. The result of such an approach would be to delay completion of chemical weapon destruction. However it has the advantage of potential savings of \$300 million.

The Committee believes that Mr. Ambrose's observations merit consideration by the Congress and the Department of Defense. If the cryofracture approach can save money and can be proven in a reasonable amount of time, it should not be excluded from consideration because of an artificially imposed deadline. In addition, the large sums of money required for this program should not be committed even to the burn technology until it is shown to work in a full scale operational facility. The Committee therefore directs the Department of Defense to report to the Congress on an "optimal" destruction program, recognizing risks and cost benefits. If such a program extends beyond the requirements of current law, the report shall include proposed language which provides legislative relief.

TITLE VIII RELATED AGENCIES

INTELLIGENCE COMMUNITY STAFF

Appropriations, 1986	\$22,083,000
Adjusted Base, 1986	21,001,000
New obligational authority, 1987:	
Estimate	22,938,000
Recommended	21,538,000
Change	1,400,000

The Intelligence Community Staff (ICS) provides the Director of Central Intelligence (DCI) with staff assistance to carry out his intelligence community responsibilities. Specifically, the Staff supports the DCI in the execution of his responsibilities to develop, review, and approve the budget for the National Foreign Intelligence Program, to evaluate the performance of foreign intelligence activities, and to develop issues, goals, and other required guidance for the intelligence community.

The fiscal year 1987 budget request for the Intelligence Community Staff totals \$22,938,000 and 246 positions. After adjustments for the FY 1986 Gramm, Rudman, Hollings reductions, the amount provided in fiscal year 1986 was \$21,001,000 and 227 positions.

For fiscal year 1987, the Committee recommends a manpower level of 230 and an appropriation of \$21,538,000, a reduction of \$1,400,000 from the fiscal year 1987 budget request. This funding will provide an increase of 10 positions from the current on board manpower level of 220.

CENTRAL INTELLIGENCE AGENCY RETIREMENT AND DISABILITY SYSTEM FUND

Appropriations, 1986	\$101,400,000
Adjusted Base, 1986	101,400,000
New obligational authority, 1987:	
Estimate	125,800,000
Recommended	125,800,000

The Committee recommends \$125,800,000, the budget request, for the Central Intelligence Agency (CIA) Retirement and Disability System Fund. The CIA Retirement Act of 1964 for Certain Employees (P.L. 88-643) authorized the establishment of a CIA Retirement and Disability System for a limited number of CIA employees, and authorized the establishment and maintenance of a Fund from which benefits would be paid to qualified beneficiaries. The fiscal year 1987 request is \$24,400,000 above the fiscal year 1986 appropriation of \$101,400,000.

TITLE IX

GENERAL PROVISIONS

The accompanying bill includes 108 general provisions. Most of these provisions were included in the Department of Defense Appropriation Bill for fiscal year 1986 and many have been included in the Defense Appropriation Act for a number of years. Of the 114 general provisions contained in the annual and Supplemental Appropriation Acts for fiscal year 1986, 28 have been deleted and 22 new provisions have been added to the bill for fiscal year 1987. Of the deleted provisions, 9 were codified or made permanent in Public Laws 99-145 and 99-190.

The action taken on the various budget recommended proposals regarding the general provisions carried in the bill and other changes being recommended by the Committee are discussed below:

CONSULTING SERVICES

The Committee does not agree to the budget proposal to delete language which limits expenditures for certain consulting services unless they are a matter of public record.

HEATING FACILITIES IN EUROPE

The budget requested the deletion of the proviso contained in section 9010 which prohibits the conversion of heating plants from coal to oil at defense facilities in Europe. The Committee recommends restoring the proviso in section 9010 and restoring section 9017.

The Committee recommends deleting language which prohibited funds for the consolidation or conversion of heating facilities to district heating distribution systems at Defense installations in Europe. For further details, see the writeup on this subject in the Operation and Maintenance section of the report.

LEGISLATIVE LIAISON ACTIVITIES

The Committee agrees, as proposed in the budget, to increase the ceiling on legislative liaison activities from \$13,334,000 to \$13,900,000.

TRANSFER OF FUNDS

The Department of Defense Appropriations Act has for a number of years contained a provision allowing for the transfer of funds between the various appropriation accounts. Section 9015 of the accompanying bill continues this provision in fiscal year 1987.

Prior to 1972, the transfer of funds was restricted to appropriations in the Act. Between 1972 and 1978 the provision was changed

so that transfers were permitted from any funds available to the Department of Defense. In fiscal year 1979, the Congress reverted to the original language by reinserting the words "in this Act." This was done because the Department had been using this provision to give new life to funds about to expire and initiate development and procurement programs, contrary to the intent of Congress.

For the past eight years, the budget has proposed that the words "in this Act" be deleted. The Committee recommends again this year that the words "in this Act" be retained in order to maintain discipline in budget execution and avoid the abuses of the past.

The Committee recommends, as proposed in the budget, \$1,200,000,000 as the ceiling on total transfers.

PUBLIC AFFAIRS ACTIVITIES

The Committee agrees to raise the ceiling on public affairs activities from \$43,563,000 to \$43,700,000 instead of \$44,300,000 as requested in the budget.

MULTIYEAR PROCUREMENT CONTRACTS

The Committee does not agree to the budget proposal to delete language which prohibits funds to execute a multiyear contract which employs any economic order quantity procurement or which includes an unfunded contingent liability in excess of \$20,000,000 unless the Armed Services and Appropriations Committees are notified in advance. The provision specifically states no funds shall be available to initiate multiyear procurement contracts for any systems or component thereof if the value exceeds \$500,000,000 unless specifically provided herein.

POMCUS SETS 5 AND 6

The Committee does not agree to the budget proposal to delete the general provision which prohibits funds for the transportation of equipment or materiel designated to POMCUS sets 5 and 6, unless such equipment would not reduce the level of equipment below 70 percent for the active forces and 50 percent for the Reserve forces.

ADVANCED TECHNOLOGY BOMBER

The Committee does not agree to the budget proposal to delete language which instructs the Secretary of Defense to provide funds for the Advanced Technology Bomber program at a level at least equal to the amount provided by the committee of conference.

PURCHASE OF COAL OR COKE FROM FOREIGN NATIONALS

The Committee does not agree to the budget proposal to delete language which prohibits funds to purchase coal or coke from foreign nations for use at United States defense facilities in Europe when coal from the United States is available.

EXECUTIVE SCHEDULE POSITIONS

The Committee does not agree to the budget proposal to delete language which prohibits funds to appoint or compensate more than 37 executive schedule positions in the Department of Defense.

RESERVE/GUARD TECHNICIANS

The Committee recommends amending 9042 to revise the floor for military (civilian) technicians to 67,919. For further details, see the write-up on this subject in the Guard and Reserve Forces section of the report.

CIVILIAN PERSONNEL CEILINGS

The Committee does not agree to the budget proposal to delete language which prohibits funds to impose civilian personnel ceilings on DOD activities.

TRANSFER OF WORKING CAPITAL FUNDS

The Committee does not agree to the budget proposal to delete the ceiling on the amount of funds transferred from a working capital fund to an O&M account. This ceiling will continue to be for all active and reserve O&M accounts as agreed to in the fiscal year 1986 Supplemental.

NICARAGUAN DEMOCRATIC RESISTANCE

The Committee has included a provision prohibiting funds, material, or assistance for the Nicaraguan democratic resistance to support military or paramilitary operations in Nicaragua from being financed from this bill except in accordance with Section 106 of H.R. 4759, the Intelligence Authorization Act for fiscal year 1987.

18 MONTH LIMITATION ON LEASES

The Committee does not agree to delete language which places restrictions on lease contracts for vessels, aircraft, or vehicles.

FORT DeRUSSY

The Committee does not agree to the budget proposal to delete language which prohibits funds for the sale, lease, rental, or excessing of land at Fort DeRussy.

UNEMPLOYMENT COMPENSATION BENEFITS

The Committee does not agree to the budget proposal to delete the ceiling on the amount of unemployment compensation benefits paid to the Labor Department. The cap for fiscal year 1987 is \$174,598,000.

FLOATING STORAGE FOR PETROLEUM AND PETROLEUM PRODUCTS

The Committee does not agree to the budget proposal to delete language which prohibits the Department of Defense from using foreign tankers as floating storage for petroleum and petroleum products.

CIVIL AIR PATROL (CAP)

The Committee is very pleased that the Air Force budgeted \$3,100,000 in fiscal year 1987 for the Civil Air Patrol. In light of equipment and maintenance funding shortages, however, \$5,000,000 is needed. The Committee recommends retention of a general provision which requires the Air Force to allocate this amount to the Civil Air Patrol.

FOREIGN SELLING COSTS

The Committee does not agree to the budget proposal to delete language which prohibits reimbursements for foreign selling costs in U.S. contracts.

NATO CONVENTIONAL CAPABILITY

The Committee does not agree to the budget proposal to delete language which requires notification to the Appropriations Committees if the Director of Operational Test and Evaluation uses the authority provided in section 1002(e)(2) of the fiscal year 1985 Authorization Act to acquire weapons of European NATO manufacture for side-by-side testing.

LABOR SURPLUS AREAS

The Committee does not agree to the budget proposal to delete language which expresses the Sense of Congress that DOD should formulate a program to award contracts in labor surplus areas.

DPSC, PHILADELPHIA

The Committee does not agree to the budget proposal to delete language which prohibits funds to contract out services at DPSC, Philadelphia until the Appropriations Committees have been provided the results of a cost analysis.

ENLISTMENT BONUS/EDUCATIONAL ASSISTANCE

The Committee does not agree to the budget proposal to delete language which limits the amount of educational assistance which can be paid to a service member who receives an enlistment bonus.

JOINT TACTICAL MISSILE SYSTEM (JTACMS)

The Committee does not agree to the budget proposal to delete language which prohibits funds for R&D on intergration of a nuclear warhead into the Joint Tactical Missile System.

PERMANENT CHANGE OF STATION

The Committee has revised the language which places a ceiling of \$2,239,060,000 on the amount expended for PCS moves. For further details, see the write-up on this subject in the Military Personnel section of the report.

BAQ/SAVED PAY

The Committee does not agree to the budget proposal to delete language which ensures that BAQ rates do not fall below those in effect on December 31, 1984.

MOST EFFICIENT ORGANIZATIONAL ANALYSIS

The Committee does not agree to the budget proposal to delete language which directs that a most efficient and cost-effective organization analysis and certification must be completed and the results submitted to the Committees on Appropriations before a Department of Defense (DoD) function or activity can be contracted out. Functions or activities that would be covered by this new provision are those that are performed by more than 10 DoD civilian employees.

C-12 AIRCRAFT

The Committee does not agree to the budget proposal to delete language which requires that the C-12 aircraft be competitively procured.

120MM MORTAR

The Committee does not agree to the budget proposal to delete language which prohibits funds to procure 120mm mortar or 120mm mortar ammunition outside the United States, except for the Army's Ninth Infantry Division (Motorized).

DEPENDENT STUDENT TRAVEL

The Committee does not agree to the budget proposal to delete language which places a cap of \$4.7 million on funding for dependent student travel.

INTERPORT DIFFERENTIAL

The Committee does not agree to the budget proposal to delete language which prohibits paying an interport differential for over-haul contracts on the West Coast.

SDI CONTRACTS

The Committee does not agree to the budget proposal to delete language which prohibits set-asides for non-United States contracts on the SDI program.

ORGANOTIN PAINT

The Committee does not agree to the budget proposal to delete language which prohibits funds to use organotin on naval vessels until EPA certifies its safety to marine environment.

COAL-DOMESTIC MILITARY FACILITIES

The Committee agrees to the budget proposal to delete language which requires DOD to rehabilitate and convert current steam generating facilities in the United States to coal-burning facilities. For

further details, see the write-up in the Operation and Maintenance section of the report.

OBLIGATION LIMITATION

A new general provision (section 9087) has been added which states that funds appropriated in this Act shall not be subject to certain obligational limitations.

DEPLETED URANIUM COMPONENT

A new general provision (section 9088) has been added which prohibits the procurement of ammunition containing a depleted uranium component if the procurement of such component is on a Government furnished material basis from at least two sources in the existing production base.

DoD/VA COOPERATIVE RESEARCH

A new general provision (section 9089) has been added which provides \$20 million of available research and development funds for DoD/VA Cooperative Research.

PRODUCTIVITY-BASED INCENTIVE AWARDS

A new general provision (Section 9090) has been added which allows the Defense Logistics Agency to grant civilian employees participating in productivity-based incentive award programs paid administrative time off in lieu of cash payment as compensation for increased productivity. For further details, see the writeup on this subject in the Operation and Maintenance section of the report.

FOREIGN CURRENCY FLUCTUATIONS, DEFENSE

A new general provision (section 9091) has been added which permits transfer of fiscal year 1983 unobligated balances into the appropriation "Foreign Currency Fluctuations, Defense." For further details, see the writeup on this subject in the Operation and Maintenance section of the report.

ARMY DEPOT MAINTENANCE

A new general provision (section 9092) has been added which places a floor on civilian employees at communications-electronics repair depots. For further details, see the writeup on this subject in the Operation and Maintenance section of the report.

NATIONAL DEFENSE STOCKPILE

A new general provision (section 9093) has been added which prohibits the use of any funds provided by this Act to store, maintain or protect more than 127,911,736 troy ounces of silver deposited in the National Defense Stockpile. After January 15, 1987, no funds can be used for the protection, maintenance or storage of the remaining 5,000,000 troy ounces of silver in the stockpile.

For over a decade now, all inventories of silver in the stockpile have been declared in excess of goals. During this time, millions of

federal dollars have been spent to store and maintain commodities not identified as critical or strategic for our national defense. In fact, the Federal Emergency Management Agency reports that \$3.1 billion worth of materials currently deposited in the stockpile are not classified as critical or strategic.

The storage of these excess materials in the stockpile while stated goals remain unfilled is a threat to the national security of our country. FEMA estimates that the value of commodities required to fill the current stockpile goals is \$9.7 billion.

Moreover, the National Defense Stockpile should not be used for narrow economic gain or political purposes. The Strategic and Critical Materials Stock Piling Act clearly states that "the purpose of the stockpile is to serve the interest of national defense only and is not to be used for economic or budgetary purposes." In this particular case, funds generated from the sale of excess silver will be deposited in the transaction fund for use in purchasing materials required to meet the stockpile goals. Any blanket prohibition to prevent the disposal of excess materials in the stockpile threatens our national security by limiting the inventory of materials identified as critical and strategic.

POSEIDON SUBMARINES

A new general provision (section 9094) has been added which prohibits funds to overhaul SSBN-617 and SSBN-620, unless a reprogramming request has been submitted to and approved by the Committees on Appropriations. For further details, see the writeup on this subject in the Operation and Maintenance section of the report.

VARIABLE HOUSING ALLOWANCE INFLATION RATE

A new general provision (section 9095) has been added which prohibits funds to pay a Variable Housing Allowance in excess of 2.45 percent. For further details, see the writeup on this subject in the Operation and Maintenance section of the report.

PROHIBITION ON CONTRACTING CERTAIN ACTIVITIES

A new general provision (section 9096) has been added which prohibits the Department of Defense from contracting out any activities currently performed by government employees at the Crane Army Ammunition Activity and at the McAlester Army Ammunition Plant. The Committee recalls the serious problems experienced when the Hawthorne Army Ammunition Plant was transferred to contractor operation. In addition, the Committee is concerned with the potential effect contracting out these two plants could have upon the government's ability to produce necessary ammunition in a national emergency.

AUTOMATIC DATA PROCESSING

A new general provision (section 9097) has been added which provides restrictions on several ADP systems. For further details, see the writeup on this subject in the Management of Automatic Data Processing Systems section of the report.

COASTAL DEFENSE AUGMENTATION

A new general provision (section 9098) has been added which transfers \$69,750,000 from "Coastal Defense Augmentation" to Coast Guard "Acquisition, Construction, and Improvements".

SHIP REPAIR OVERSEAS

A new general provision (section 9099) has been added which prohibits the overseas overhaul, repair, or maintenance of any DOD vessel normally homeported in the United States, except for unscheduled emergent work. For further details, see the writeup on this subject in the Operation and Maintenance section of the report.

PAYMENT DATE FOR MILITARY PAY AND ALLOWANCES

A new general provision (section 9100) has been added which states that amounts of basic pay, basic allowance for quarters, basic allowance for subsistence, and other payments of military compensation (other than travel and transportation allowances and separation allowances) shall be paid on the first day of the month beginning after the month during which the right to such compensation occurs. This section does not preclude one payment in mid month for any element of compensation and does not affect any authority to make advance payments of pay and allowance. This section is identical to the language contained in H.R. 4428, the Department of Defense Authorization Act, 1987, as amended on the House Floor.

NUCLEAR TESTING

A new general provision (section 9101) has been added which imposes a one-year moratorium on all nuclear testing by the United States, provided that the Soviets also observe such a moratorium and meet the conditions of enhanced verification. The section is identical to the language contained in H.R. 4428, the Department of Defense Authorization Act, 1987, as amended on the House Floor.

INTERIM RESTRAINT POLICY (SALT II)

The Committee has included a general provision, Sec. 9102, which would limit U.S. strategic nuclear forces to the numerical sublimits allowed for in the SALT II agreement, unless the President certifies that the Soviet Union has exceeded those levels. These numerical sublimits include limits of 820 MIRVed ICBM launchers, 1200 MIRVed ICBM and SLBM launchers, and 1320 such launchers and ALCM equipped bombers. The numerical sublimits also include the limits on warheads for individual launcher types enunciated in the agreement. Among these are not more than 10 warheads on any heavy ICBM, not more than 14 warheads on SLBMs, and not more than 10 warheads on Air to Surface missiles (ASBMs).

SPACE DEFENSE SYSTEM

A new general provision (section 9103) has been added which prohibits, until October 1, 1987, funds to carry out a test of the Space Defense System against an object in space until the President has certified that the Soviet Union, after the date of enactment of this Act, has conducted such a test. This section is identical to the language contained in H.R. 4428, the Department of Defense Authorization Act, 1987, as amended on the House Floor.

CHEMICAL WEAPONS

A new general provision (section 9104) has been added which prohibits obligation of funds for chemical weapons and associated production facilities for one year, places limitation on the removal of chemical weapons from Europe, and requires certain reports. This section is identical to the language contained in H.R. 4428, the Department of Defense Authorization Act, 1987, as amended on the House Floor.

COPPERHEAD PROJECTILE

A new General Provision (Sec. 9105) has been added which prohibits funds to seek a second production source for, or procurement or product improvement of the Copperhead projectile.

STRATEGIC DEFENSE INITIATIVE INSTITUTE

A new General Provision (Sec. 9106) has been added which prohibits funds for the Strategic Defense Initiative Institute unless such funds are specifically authorized and appropriated in an Act other than this Act. For further details, see the write-up on this subject in the Research, Development, Test & Evaluation section of the report.

9 MM HANDGUNS

A new General Provision (Sec. 9107) has been added which prohibits funds for the procurement of 9mm handguns until such time as the current procurement contract is cancelled and the performance specifications recompeted.

PURCHASE OF UTILITIES

A new General Provision (Sec. 9108) has been added which prohibits funds to implement or enforce the rule proposed on May 7, 1986 (51 Fed. Reg. 16988-16991), or Section 8.304-91 of the Air Force FAR Supplement issued on June 24, 1985. For further details, see the write-up on this subject in the Operation and Maintenance section of the report.

HOUSE OF REPRESENTATIVES REPORT REQUIREMENTS

The following items are included in accordance with various requirements of the Rules of the House of Representatives:

CHANGES IN APPLICATION OF EXISTING LAW

Pursuant to Clause 3 of Rule XXI of the House of Representatives, the following statements are submitted describing the effect of provisions which directly or indirectly change the application of existing law.

Language is included in various parts of the bill to continue ongoing activities which require annual authorization or additional legislation, which to date has not been enacted.

The bill includes a number of provisions which place limitations on the use of funds in the bill or change existing limitations and which might, under some circumstances, be construed as changing the application of existing law.

The bill includes a number of provisions, which have been virtually unchanged for many years, that are technically considered "legislation." To include these each year would be no more informative than the bill itself and would reduce the visibility of any new legislative changes.

Those changes in the fiscal year 1987 bill, which might be interpreted as changing existing law, are as follows:

APPROPRIATION LANGUAGE

Additional appropriation language has been added to the appropriation "National Board for the Promotion of Rifle Practice, Army" since all funds in support of this program have been consolidated into this one account.

Appropriation language has been added which provides \$1,679,409,000 for "Military Health Care" since all funds in support of the Civilian Health and Medical Program of the Uniformed Services have been consolidated into this one account.

Language has been included under "Claims, Defense" which allows the Department of the Army to pay claims resulting from the explosion of bombs near Checotah, Oklahoma without a determination of legal liability on the part of the federal government.

Language has been included under "Humanitarian Assistance" which extends the availability of certain funds provided for the same purpose in the Department of Defense Appropriation Act, 1986, until September 30, 1987.

Language has been added to "Other Procurement, Army" which allows the Army to acquire and validate the technical data package for the Heavy Expanded Mobility Tactical Truck (HEMTT) and allows the Army to modify the existing contract and to obligate funds.

Language has been added to "Other Procurement, Navy" earmarking \$45,000,000 for seasheds.

Language has been added to "Aircraft Procurement, Air Force" which prohibits funds to procure long lead parts intended to extend B-1B production beyond 100 aircraft.

Language has been added to "Aircraft Procurement, Air Force" which allows the award of a multiyear contract for Air Defense Aircraft procurement with certain restrictions.

Language has been added to "Aircraft Procurement, Air Force" which places restrictions on the awarding of a contract for acquisition of Air Force aircraft or major subsystems.

Language has been added to "Missile Procurement, Air Force" which prohibits funds for Lot 1 low-rate production of AMRAAM until a minimum of three successful flight tests have been conducted.

Language has been added to "Research, Development, Test, and Evaluation, Navy" stating that funds for the V-22 program shall not be subjected to Section 204(a) of the Defense Authorization Bill for fiscal year 1987 (H.R. 4428).

Language has been added to "Research, Development, Test, and Evaluation, Navy," earmarking \$188,825,000 for full-scale development of MK-50 Advanced Lightweight Torpedo Program; \$39,704,000 for the Low Cost Anti-radiation Seeker Program; and \$3,000,000 for the Aircrew impact injury prevention project.

Language has been added to "Research, Development, Test, and Evaluation, Air Force" earmarking \$17,375,000 for the Low Cost Seeker Program.

The appropriation "Director of Development, Test and Evaluation, Defense" has been broken into two appropriation accounts—one for development test and evaluation and one for operational test and evaluation.

A new title has been added for "Chemical Agents and Munitions Destruction, Defense." The funds for this was requested in title III—Procurement. However, since the appropriation contained requests for funds in Operation and Maintenance and Research, Development, Test, and Evaluation, as well, it was made a separate title.

GENERAL PROVISIONS

Section 9045 has been amended to prohibit fiscal year 1987 funds to provide funds, material, or other assistance to the Nicaraguan democratic resistance unless in accordance with section 106 of the Intelligence Authorization Act, 1987 (HR 4759).

Section 9073 has been amended to place a ceiling on the amount of fiscal year 1987 funds which can be expended for permanent change of station moves.

Section 9087 has been added which states that funds appropriated in this Act shall not be subject to certain obligational limitations.

Section 9088 has been added which prohibits the procurement of ammunition containing a depleted uranium component if the procurement of such component is on a Government furnished material basis from at least two sources in the existing production base.

Section 9089 has been added which provides \$20 million of available Research and Development funds for DoD/VA Cooperative Research.

Section 9090 has been added which allows the Defense Logistics Agency to grant civilian employees participating in productivity-based incentive award programs paid administrative time off in lieu of cash payment as compensation for increased productivity.

Section 9091 has been added which allows transfer of fiscal year 1983 unobligated balances into the appropriation "Foreign Currency Fluctuations, Defense."

Section 9092 has been added which places a floor on civilian employees at communications-electronics repair depots.

Section 9093 has been added which prohibits after January 15, 1987, the use of any funds provided by this Act to store, maintain or protect more than 127,911,736 troy ounces of silver deposited in the National Defense Stockpile.

Section 9094 has been added which prohibits funds to overhaul SSBN-617 and SSBN-620, unless a reprogramming request has been submitted to and approved by the Committee on Appropriations.

Section 9095 has been added which prohibits funds to pay a Variable Housing Allowance in excess of 2.45 percent.

Section 9096 has been added which prohibits the Department of Defense from contracting out any activities currently performed by government employees at the Crane Army Ammunition Activity and at the McAlester Army Ammunition Plant.

Section 9097 has been added which prohibits funds for several ADP systems.

Section 9098 has been added which transfers \$69,750,000 from "Coastal Defense Augmentation" to Coast Guard "Acquisition, Construction, and Improvements".

Section 9099 has been added which prohibits the overseas overhaul, repair, or maintenance of any DoD vessel normally homeported in the United States, except for unscheduled emergent work.

Section 9100 has been added which revises the pay date for basic pay, basic allowance for quarters, basic allowance for subsistence, and other payments of military compensation.

Section 9101 has been added which imposes a one-year moratorium on all nuclear testing if the Soviets also observe such a moratorium.

Section 9102 has been added which limits U.S. strategic nuclear forces to the numericals sublimits allowed in the SALT II agreement unless the President certifies to Congress that the Soviet Union has exceeded those limits.

Section 9103 has been added which prohibits, until October 1, 1987, funds to carry out a test of the Space Defense System against an object in space until the President has certified that the Soviet Union, after the date of enactment of this Act, has conducted such a test.

Section 9104 has been added which prohibits obligation of funds for chemical weapons and associated production facilities for one year, places limitation on the removal of chemical weapons from Europe, and requires certain reports.

Section 9105 has been added which prohibits funds to seek a second production source for, or procurement or product improvement of the Copperhead projectile.

Section 9106 has been added which prohibits funds for the Strategic Defense Initiative Institute unless such funds are specifically authorized and appropriated in an Act other than this Act.

Section 9107 has been added which prohibits funds for the procurement of 9mm handguns until such time as the current procurement contract is cancelled and the performance specifications re-competed.

Section 9108 has been added which prohibits funds to implement or enforce the rule proposed on May 7, 1986 (51 Fed. Reg. 16988-16991), or Section 8.304-91 of the Air Force FAR Supplement issued on June 24, 1985.

COMPLIANCE WITH RULE XIII—CLAUSE 3

In compliance with clause 3 of Rule XIII of the Rules of the House of Representatives, changes in existing law made by the bill, as reported, are shown as follows (existing law proposed to be omitted is enclosed in black brackets, new matter is printed in italic, existing law in which no change is proposed is shown in roman):

Section 4 of Chapter III of the Supplemental Appropriations Act, 1986 (Public Law 99-349) is amended as follows:

SEC. 4. Of the amounts available to the Department of Defense, not to exceed \$5,000,000 shall be available for such claims arising from property losses caused by the explosion of Army munitions near Checotah, Oklahoma, on August 4, 1985, and claims determined by the Department to be bona fide shall be paid from the funds made available by this section *without a determination of legal liability based on an act or omission of an agent or employee of the Federal government.*

The table of sections at the beginning of Chapter 19 of title 37, United States Code, is amended as follows:

CHAPTER 19—ADMINISTRATION

Sec.

1001. Regulations relating to pay and allowances.

1002. Additional training or duty without pay: Reserves and members of National Guard

1003. Assimilation of pay and allowances.

1004. Computation of pay and allowances for month or part of month.

1005. Army and Air Force: prompt payments required.

1006. Advance payments.

1007. Deductions from pay.

1008. Presidential recommendations concerning adjustments and changes in pay and allowances.

1009. Adjustments of compensation.

1010. Commissioned officers: promotions; effective date for pay and allowances.

1011. Mess operations: reimbursement of expenses.

1012. Disbursement and accounting.

1013. *Payment date for pay and allowances.*

Chapter 19 of title 37, United States Code, is amended as follows:

§ 1012. Disbursement and accounting

Amounts appropriated under sections 206(a), (b), and (d), 301(f), 309, 402(b) (last sentence), and 1002 of this title for pay of enlisted

members of the Army National Guard of the United States or the Air National Guard of the United States for attending regular periods of duty and instruction shall be disbursed and accounted for by the Secretary concerned. Disbursements shall be made for 3-month periods for units of the Army National Guard or Air National Guard under regulations prescribed by the Secretary concerned, and on pay rolls prepared and authenticated under the regulations.

1013. Payment date for pay and allowances

(a) *Amounts of basic pay, basic allowance for quarters, basic allowance for subsistence, and other payments of military compensation (other than travel and transportation allowances and separation allowances) shall be paid on the first day of the month beginning after the month during which the right to such compensation accrues.*

(b) *Subsection (a) does not preclude one payment in midmonth for any element of compensation and does not affect any authority to make advance payments of pay and allowances.*

Section 1466(a)(2) of title 10, United States Code, is amended as follows:

§ 1466. Payments into the Fund

(a) The Secretary of Defense shall pay into the Fund at the end of each month as the Department of Defense contribution to the Fund for that month the amount that is the product of—

(1) the level percentage of basic pay determined under the most recent (as of the first day of the current fiscal year) actuarial valuation under section 1465(c) of this title; and

(2) the total amount of basic pay [paid] *accrued* that month to members of the armed forces (other than the Coast Guard) on active duty or in the Selected Reserve.

Amounts paid into the Fund under this subsection shall be paid from funds available for the pay of members of the armed forces under the jurisdiction of the Secretary of a military department.

INFLATIONARY IMPACT STATEMENT

Pursuant to Clause 2(1)(4), rule XI of the House of Representatives, the following statement is made.

The bill reported will provide \$267,769,416,000 in total obligational authority. This is a decrease of \$3,377,369,000 below the amount appropriated for similar purposes for fiscal year 1986 after sequestration. It is also \$31,262,722,000 below the budget request for fiscal year 1987.

The appropriation as proposed by the Committee should not cause inflation to increase to as great an extent than would enactment of the budgeted amount. The real growth in Defense spending will have little inflationary effect in comparison to the forecasted \$4,629 billion gross national product for 1987.

TRANSFER OF FUNDS

Pursuant to clause 1(b)(3), rule X of the House of Representatives, the following is submitted describing the transfer of funds provided in the accompanying bill.

The Committee recommends transfers of prior year unobligated balances to fiscal year 1987 totaling \$2,664,600,000. These transfers are made from funds appropriated in fiscal years 1982 through 1986 and are no longer required for the purposes for which appropriated as a result of Department of Defense decisions, Congressional denial of reprogramming requests, or Committee recommendations.

The following table shows the title and appropriations affected by the transfers:

Appropriation to which transfer is made	Amount	Appropriations from which transfer is made	Amount
Aircraft procurement, Army	19,100,000	Aircraft procurement, Army, 1985/1987	3,600,000
Missile procurement, Army	58,200,000	Aircraft procurement, Army, 1986/1988	15,500,000
Procurement of weapons and tracked combat vehicles, Army	8,500,000	Missile procurement, Army 1985/1987	16,900,000
Procurement of ammunition, Army	39,562,000	Missile procurement, Army, 1986/1988	41,300,000
Other procurement, Army	251,000,000	Procurement of weapons and tracked combat vehicles, Army, 1986/1988	8,500,000
Aircraft procurement, Navy	155,574,000	Procurement of ammunition, Army 1986/1988	39,562,000
Weapons procurement, Navy	160,667,000	Other procurement, Army, 1985/1987	91,000,000
Shipbuilding and conversion, Navy	902,600,000	Other procurement, Army, 1986/1988	160,000,000
Other procurement, Navy	95,413,000	Aircraft procurement, Navy, 1985/1987	21,274,000
Procurement, Marine Corps	26,500,000	Aircraft procurement, Navy, 1986/1988	134,300,000
Aircraft procurement, Air Force	606,300,000	Weapons procurement, Navy, 1985/1987	42,900,000
Missile procurement, Air Force	117,900,000	Weapons procurement, Navy, 1986/1988	117,767,000
Other procurement, Air Force	78,711,000	Shipbuilding and conversion, Navy, 1982/1986	46,800,000
Research, development, test, and evaluation, Army	22,823,000	Shipbuilding and conversion, Navy, 1983/1987	328,600,000
Research, development, test, and evaluation, Navy	29,050,000	Shipbuilding and conversion, Navy, 1984/1988	67,900,000
Research, development, test, and evaluation, Air Force	66,200,000	Shipbuilding and conversion, Navy, 1985/1989	19,000,000
Research, development, test, and evaluation, Defense agencies	26,500,000	Shipbuilding and conversion, Navy, 1986/1990	440,300,000
		Other procurement, Navy, 1985/1987	5,094,000
		Other procurement, Navy, 1986/1988	90,319,000
		Procurement, Marine Corps, 1985/1987	7,100,000
		Procurement, Marine Corps, 1986/1988	19,400,000
		Aircraft procurement, Air Force, 1985/1987	349,300,000
		Aircraft procurement, Air Force, 1986/1988	257,000,000
		Missile procurement, Air Force, 1985/1987	81,400,000
		Missile procurement, Air Force, 1986/1988	36,500,000
		Other procurement, Air Force, 1985/1987	56,311,000
		Other procurement, Air Force 1986/1988	22,400,000
		Research, development, test, and evaluation, Army 1986/1987	22,823,000
		Research, development, test, and evaluation, Navy, 1986/1987	29,050,000
		Research, development, test, and evaluation, Air Force, 1986/1987	66,200,000
		Research, Development, test, and evaluation, Defense agencies, 1986/1987	26,500,000

Environmental Restoration, Defense contains language which allows transfer of funds from this appropriation to other DOD appropriations to be available for the same purposes and time period.

Research, development, test, and evaluation, Defense Agencies contains language which allows transfer of funds between this account and other appropriation accounts for research programs to be available for the same purposes and time period.

Nine general provisions (sections 9015, 9016, 9037, 9044, 9046, 9060, 9077, 9091, and 9098) contain language which allows transfer of funds between accounts.

COMPARISON WITH BUDGET RESOLUTION

Section 308(a)(1)(A) of the Congressional Budget and Impoundment Control Act of 1974 (Public Law 93-344), as amended, requires that the report accompanying a bill providing new budget authority contain a statement detailing how the authority compares with the reports submitted under section 302 of the Act for the most recently agreed to concurrent resolution on the budget for the fiscal year. This information follows:

(Dollars in millions)						
	Sec. 302(b)			This bill		
	Discretionary	Mandatory	Total	Discretionary	Mandatory	Total
Budget authority.....	274,440	382	274,822	264,750	355	265,105
Outlays.....	158,133	103,714	261,847	156,827	103,582	260,408
Direct loans.....						
Primary guarantees.....						

The bill provides no new spending authority as described in section 401(c)(2) of the Congressional Budget and Impoundment Control Act of 1974 (Public Law 93-344), as amended.

FIVE-YEAR PROJECTIONS

In compliance with section 308(a)(1)(C) of the Congressional Budget Act of 1974 (Public Law 93-344), as amended, the following table contains five-year projections associated with the budget authority provided in the accompanying bill:

(In thousands)	
Budget authority.....	\$265,104,816
Outlays:	
Fiscal year 1987.....	157,060,690
Fiscal year 1988.....	60,318,728
Fiscal year 1989.....	28,109,677
Fiscal year 1990.....	9,126,064
Fiscal year 1991 and future years.....	8,158,059

FINANCIAL ASSISTANCE TO STATE AND LOCAL GOVERNMENTS

In accordance with section 308(a)(1)(D) of the Congressional Budget Act of 1974 (Public Law 93-344), as amended, no new budget or outlays are provided by the accompanying bill for financial assistance to state and local governments.

DISSENTING VIEWS SUBMITTED BY THE HONORABLE
STENY H. HOYER

The Full Committee has blocked the funds for procurement of the 9 MM handgun until the Army terminates its existing five year contract with Beretta USA and recompetes the performance specifications. The Committee has allowed \$31.2 million to pay for the existing orders of 114,030 Beretta pistols as well as orders for repair parts and magazines, but only on the condition that the contractor and the government "negotiate a limitation on cancellation fees and termination costs that is acceptable to the Committees on Appropriations."

The Committee took this action in contradiction to the GAO's recommendation that a study be done "to determine the feasibility, from the standpoint of cost and mission, of reopening the competition and solicitation price proposals from the three technically acceptable candidates . . ." Its action was also inconsistent with the GAO's testimony before the Subcommittee on Legislation and National Security of the Government Operations Committee. The GAO stated that "it was unclear what action, if any, would be in the government's best interest and that the Congress may wish to direct the Army to conduct such a feasibility study."

The contract is in the second year of its five year term to deliver 320,030 new pistols at a cost of approximately \$65 million. Over 168 new American jobs have already been created and over \$3 million in capital construction has been invested in Accokeek, Maryland to date to meet existing orders, and an additional 250 jobs and \$7 million additional capital investment would be added in the next two years. 114,030 pistols have already been ordered by the Army, along with 50% of necessary spare parts.

Clearly the Committee's action to force the Army to breach its contract with Beretta USA not only runs the risk of defeating the objective of having a uniform personal defense weapon for the Armed Services but will also entail substantial costs. In point of fact, James Ambrose, Under Secretary of the Army, wrote to the Committee Chairman that such recompetition "would needlessly result in a waste of between \$8 and \$15 million of taxpayer's money."

Such costs might be justifiable if the Army had acted wrongly. However, it is clear from both the Army's reports, the GAO report, and the decisions of both the U.S. District Court of Massachusetts and the U.S. Court of Appeals for the First Circuit that this is not the case.

First, the Army took extraordinary measures to ensure that all competitors were fully informed of the testing requirements before accepting samples. Specifically, the Request for Test Samples (RFTS) required a minimum firing pin energy of 24 inch-ounces and an expected service life of at least 5,000 rounds. The Army

held a special technical conference at which competitors could object to any of the requirements in the RFTS. As was noted by the Court of Appeals. "Smith and Wesson did not object to any of the proposed RFTS procedures or requirements." It was not until Smith and Wesson was eliminated from the competition that any problem was raised regarding the Army's requirements.

It was argued before the Committee that Smith and Wesson was unfairly excluded from the price competition on two grounds. First, it was claimed that the Army overstated the requirement for firing pin energy. This ignored however, the Army's reasoning, outlined in their response to the GAO report, that "The requirement for 24 inch ounce firing pin energy was purposely more stringent than the NATO standard to insure any and all NATO ammunition could be fired." Further, it was also evidently not enough for proponents of Smith and Wesson that the District Court devoted 7 pages of a 25 page decision to review of this matter and concluded "the method used by the Army to measure firing pin energy indent yielded accurate results." But I find it unfortunate that the Committee could ignore the conclusion of the Court of Appeals which, after a thorough review of this issue concluded, "Smith and Wesson makes so many blunderbuss charges against the accuracy and validity of the firing pin energy tests that it is difficult to sort out the duds from the live charges. . . . The record shows that this method of indent measurement was a standard procedure used in thousands of tests for at least twelve years. All of the weapons were submitted to the same tests. It is possible that more accurate test methods could have been used, but we are convinced that there was nothing unfair, invalid or basically inaccurate in the indent testing. *It follows, therefore, that the Army's determination that Smith and Wesson's weapons did not meet the firing pin energy test must stand.*" Smith and Wesson failed to meet the standard established by the Army and the Army's finding of such failure was clearly correct.

Second, it was argued before the Committee and asserted by the GAO, that the expected service life requirement should have been an average and not an absolute minimum test standard by the Army. Again, this ignored the Army's explanation, which clearly stated that "The term 'expected' is defined in the Test and Evaluation Plan as the minimum service life per weapon, not average service life for all test weapons. This is not just found in military specifications. Federal small arms weapon specifications also define 'expected' service life as meaning minimum, not average. Federal specifications further define zero frame failures as a demonstration of endurance and service life, supporting the Army's position."

The GAO report and Smith and Wesson admit that one of Smith and Wesson's three test weapons developed a frame crack before firing 5,000 rounds, the minimum test requirement. In fact, another one of Smith and Wesson's weapons developed a crack before firing 7,000 rounds. None of Beretta's three test weapons experienced any frame failures after firing 7,000 rounds. Smith and Wesson clearly failed this minimum requirement, as well.

Again, the issue of expected service life was considered at length in the litigation brought by Smith and Wesson and the District Court held that, "the Army did not materially deviate from the

5,000 round service life requirement announced in the RFTS; rather, the Army, in its evaluation process, merely placed a reasonable interpretation on the requirement, namely, that a weapon fire 5,000 rounds without a crack in the receiver in order to pass." This was again upheld by the Court of Appeals, which ruled: "There was nothing irrational, unfair, or inaccurate about the service-life test. We find and rule that the decision of the Army that Smith and Wesson's weapons failed to meet the firing-pin-energy requirement and the service life requirement was neither irrational nor a violation of applicable statutes and regulations."

I believe it is unfortunate in light of the above that the Committee would act to recommend termination of the existing contract and order recompetition. Smith and Wesson had every opportunity to raise every issue raised in the GAO report before the Courts. For this Committee to override its carefully considered, independent determinations, is to compromise our procurement policies and erode public confidence in the impartiality of the process.

The standard of the law in procurement matters is that "A procurement contract (should) not be set aside at the behest of a 'disappointed bidder' unless the awarding agency's decision was irrational or clearly illegal." The District Court and the U.S. Court of Appeals for the First District have found that the facts do not warrant the setting aside of this contract. The Committee should not disturb that judgment.

Absolutely no charge was made before the Committee that the Army's decision was either irrational or illegal. In fact, no attempt was made to dispute the U.S. Court of Appeals decision when it concluded: "The case was well tried by Smith and Wesson's counsel, but the ammunition available was not sufficient to pierce the Army's impregnable shield of rationality and legality."

In closing, I strongly disagree with the Committee's action to terminate what has been a successful procurement to date and agree with the Army that this termination would "result in the needless waste of tax dollars, and could lead to a proliferation of weapons in direct contravention of the Congressional mandate to curb such proliferation." In acting today, the Committee has interjected itself inappropriately and unnecessarily into the judicial and contracting process by overturning the Court of Appeals without cause. I would hope that this ill advised and inappropriate precedent would be overturned and not agreed to by the Congress.

STENY H. HOYER.

**COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR FISCAL YEAR 1986
AND BUDGET ESTIMATES AND AMOUNTS RECOMMENDED IN THE BILL FOR FISCAL YEAR 1987**

Agency and item	New budget (obligational) authority, fiscal year 1986	Budget estimates of new (obligational) authority, fiscal year 1987	New budget (obligational) authority recommended in bill	Bill compared with—	
				New budget (obligational) authority, fiscal year 1986	Budget estimates of new (obligational) authority, fiscal year 1987
TITLE I					
MILITARY PERSONNEL					
Military Personnel, Army.....	21,003,686,000	22,655,000,000	22,270,626,000	+1,266,938,000	-384,374,000
Military Personnel, Navy.....	15,875,246,000	17,459,500,000	17,056,104,000	+1,180,858,000	-403,396,000
Military Personnel, Marine Corps.....	4,853,944,000	5,333,400,000	5,245,086,000	+391,142,000	-88,314,000
Military Personnel, Air Force.....	17,698,217,000	19,290,500,000	18,810,225,000	+1,112,008,000	-480,275,000
Reserve Personnel, Army.....	2,145,194,000	2,432,000,000	2,330,830,000	+185,636,000	-101,170,000
Reserve Personnel, Navy.....	1,264,599,000	1,527,600,000	1,436,680,000	+172,081,000	-90,920,000
Reserve Personnel, Marine Corps.....	270,926,000	314,800,000	300,100,000	+29,174,000	-14,700,000
Reserve Personnel, Air Force.....	580,507,000	646,000,000	628,977,000	+48,470,000	-17,023,000
National Guard Personnel, Army.....	3,056,818,000	3,485,200,000	3,303,174,000	+246,356,000	-182,026,000
National Guard Personnel, Air Force.....	922,797,000	1,058,900,000	1,022,310,000	+99,513,000	-36,590,000
Total, title I, Military Personnel:	67,671,936,000	74,202,900,000	72,404,112,000	+4,732,176,000	-1,798,768,000
New budget (obligational) authority.....	67,671,936,000	74,202,900,000	72,404,112,000	+4,732,176,000	-1,798,768,000
TITLE II					
OPERATION AND MAINTENANCE					
Operation and Maintenance, Army.....	18,045,707,000	21,341,870,000	19,774,531,000	+1,728,824,000	-1,567,339,000
Operation and Maintenance, Navy.....	23,277,695,000	25,688,500,000	22,993,227,000	+2,884,468,000	-2,695,273,000
Operation and Maintenance, Marine Corps.....	1,533,060,000	1,864,100,000	1,793,338,000	+260,278,000	-70,762,000
Operation and Maintenance, Air Force.....	16,579,509,000	21,214,500,000	18,893,758,000	+314,249,000	-2,320,742,000
Operation and Maintenance, Defense Agencies.....	7,068,373,000	6,833,197,000	6,300,040,000	-768,333,000	-533,157,000
Operation and Maintenance, Army Reserve.....	741,875,000	793,100,000	769,298,000	+27,423,000	-23,802,000
Operation and Maintenance, Navy Reserve.....	851,097,000	975,900,000	869,847,000	+16,750,000	-106,053,000
Operation and Maintenance, Marine Corps Reserve.....	54,399,000	65,300,000	63,218,000	+8,819,000	-2,082,000
Operation and Maintenance, Air Force Reserve.....	858,495,000	975,600,000	922,100,000	+63,605,000	-53,500,000
Operation and Maintenance, Army National Guard.....	1,573,137,000	1,786,900,000	1,734,696,000	+161,559,000	-52,204,000
Operation and Maintenance, Air National Guard.....	1,717,698,000	1,932,700,000	1,790,384,000	+72,686,000	-142,316,000

National Board for the Promotion of Rifle Practice.

Army.....	875,000	930,000	4,316,000	+3,441,000	+3,386,000
Military Health Care.....	---	1,740,503,000	1,679,409,000	+1,679,409,000	-61,094,000
Claims, Defense.....	143,300,000	155,600,000	144,400,000	+1,100,000	-11,200,000
Court of Military Appeals, Defense.....	3,043,000	3,400,000	3,200,000	+157,000	-200,000
Tenth International Pan American Games.....	9,510,000	15,000,000	15,000,000	+5,490,000	---
Environmental Restoration, Defense.....	360,524,000	385,900,000	346,100,000	-14,424,000	-39,800,000
Humanitarian Assistance.....	---	---	6,000,000	+6,000,000	+7,000,000
Humanitarian Assistance Reappropriation.....	---	---	7,000,000	+7,000,000	---

Total, title II, Operation and Maintenance:

New budget (obligational) authority.....	74,818,297,000	85,773,000,000	78,109,862,000	+3,291,565,000	-7,663,138,000
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TITLE III

PROCUREMENT

Aircraft Procurement, Army.....	3,351,514,000	3,264,700,000	2,798,050,000	-553,464,000	-466,650,000
(Transfer from other accounts).....	---	---	(19,100,000)	(+19,100,000)	(+19,100,000)
Missile Procurement, Army.....	2,762,020,000	2,438,200,000	2,003,300,000	-758,720,000	-434,900,000
(Transfer from other accounts).....	---	---	(38,200,000)	(+58,200,000)	(+58,200,000)
Procurement of Weapons and Tracked Combat Vehicles, Army.....	4,455,245,000	4,452,600,000	3,828,000,000	-627,245,000	-624,600,000
Rescission.....	-34,400,000	---	---	+34,400,000	---
(Transfer from other accounts).....	---	---	(8,500,000)	(+8,500,000)	(+8,500,000)
Procurement of Ammunition, Army.....	2,374,837,000	2,254,000,000	2,066,585,000	-305,849,000	-185,012,000
(Transfer from other accounts).....	---	---	(39,582,000)	(+39,582,000)	(+39,582,000)
Other Procurement, Army.....	5,018,700,000	6,159,000,000	4,441,810,000	-376,889,000	-1,527,189,000
(Transfer from other accounts).....	---	---	(251,000,000)	(+251,000,000)	(+251,000,000)
Aircraft Procurement, Navy.....	10,638,070,000	11,304,300,000	9,039,452,000	-1,568,616,000	-2,264,848,000
(Transfer from other accounts).....	---	---	(155,574,000)	(+155,574,000)	(+155,574,000)
Weapons Procurement, Navy.....	4,971,638,000	6,095,400,000	5,047,440,000	-1,047,960,000	-1,047,960,000
(Transfer from other accounts).....	---	---	(160,667,000)	(+160,667,000)	(+160,667,000)
Shipbuilding and Conversion, Navy.....	10,350,341,000	11,046,200,000	9,213,100,000	-1,833,100,000	-1,833,100,000
Rescission.....	-40,100,000	---	---	+40,100,000	---
(Transfer from other accounts).....	---	---	(902,600,000)	(+902,600,000)	(+902,600,000)
Other Procurement, Navy.....	6,081,631,000	6,538,800,000	5,492,515,000	-985,116,000	-1,046,285,000
(Transfer from other accounts).....	---	---	(95,413,000)	(+95,413,000)	(+95,413,000)
Coastal Defense Augmentation.....	223,485,000	---	---	-223,485,000	---
Procurement, Marine Corps.....	1,579,388,000	1,565,000,000	1,444,896,000	-134,492,000	-120,104,000
(Transfer from other accounts).....	---	---	(26,500,000)	(+26,500,000)	(+26,500,000)
Aircraft Procurement, Air Force.....	22,115,908,000	19,127,400,000	16,202,251,000	-5,913,657,000	-2,925,149,000
(Transfer from other accounts).....	---	---	(606,300,000)	(+606,300,000)	(+606,300,000)
Missile Procurement, Air Force.....	7,905,132,000	8,982,400,000	6,725,777,000	-1,179,355,000	-2,256,623,000
(Transfer from other accounts).....	(345,400,000)	---	(117,900,000)	(-227,500,000)	(+117,940,000)

**COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR FISCAL YEAR 1986
AND BUDGET ESTIMATES AND AMOUNTS RECOMMENDED IN THE BILL FOR FISCAL YEAR 1987 —
Continued**

Agency and item	New budget (obligational) authority, fiscal year 1986	Budget estimates of new (obligational) authority, fiscal year 1987	New budget (obligational) authority recommended in bill	Bill compared with—	
				New budget (obligational) authority, fiscal year 1986	Budget estimates of new (obligational) authority, fiscal year 1987
Other Procurement, Air Force.....	8,152,382,000	10,900,300,000	8,654,521,000	+502,139,000	-2,245,779,000
Rescission.....	-40,000,000	---	---	+40,000,000	---
(Transfer from other accounts).....	---	---	(78,711,000)	(+78,711,000)	(+78,711,000)
National Guard and Reserve Equipment.....	1,469,538,000	---	752,068,000	-717,470,000	+752,068,000
Procurement, Defense Agencies.....	1,238,906,000	1,488,400,000	1,503,361,000	+264,455,000	+14,961,000
(Transfer from other accounts).....	---	---	---	---	---
Defense Production Act Purchases.....	29,481,000	30,000,000	40,000,000	+10,519,000	+10,000,000
NATO Cooperative Defense Programs.....	14,265,000	---	---	-14,265,000	---
Total, title III, Procurement:	92,607,981,000	95,656,700,000	79,455,530,000	-13,152,451,000	-16,201,170,000
New budget (obligational) authority (net)...	(92,772,481,000)	(95,656,700,000)	(79,455,530,000)	(-13,266,951,000)	(-16,201,170,000)
Appropriations.....	(-114,500,000)	---	---	(+114,500,000)	---
Rescissions.....	(345,400,000)	---	(2,520,027,000)	(+2,174,627,000)	(+2,520,027,000)
(Transfer from other accounts).....	---	---	---	---	---
TITLE IV					
RESEARCH, DEVELOPMENT, TEST, AND EVALUATION					
Research, Development, Test, and Evaluation, Army.....	4,563,062,000	5,550,300,000	4,426,660,000	-136,402,000	-1,123,640,000
(Transfer from other accounts).....	---	---	(22,823,000)	(+22,823,000)	(+22,823,000)
Research, Development, Test, and Evaluation, Navy.....	9,572,042,000	10,586,800,000	8,640,727,000	-931,315,000	-1,946,073,000
(Transfer from other accounts).....	---	---	(29,050,000)	(+29,050,000)	(+29,050,000)
Research, Development, Test, and Evaluation, Air Force	13,046,016,000	17,275,400,000	14,190,262,000	+1,144,246,000	-3,085,136,000
(Transfer from other accounts).....	(316,886,000)	---	(66,200,000)	(+250,686,000)	(+66,200,000)
Research, Development, Test, and Evaluation, Defense	6,312,154,000	8,364,300,000	6,577,586,000	+265,434,000	-1,786,712,000
Agencies.....	---	---	(26,500,000)	(+26,500,000)	(+26,500,000)
(Transfer from other accounts).....	---	---	---	---	---

Developmental Test and Evaluation, Defense.....
Operational Test and Evaluation, Defense.....

113,918,000
141,800,000
11,300,000
109,537,000
11,300,000
-4,381,000
+11,300,000
-32,263,000

Total, title IV, Research, Development, Test,
and Evaluation:

New budget (obligational) authority.....
(Transfer from other accounts).....

33,607,192,000
(316,886,000)
41,929,900,000
33,956,074,000
(144,573,000)
+348,882,000
(-172,313,000)
-7,973,826,000
(-144,573,000)

TITLE V

SPECIAL FOREIGN CURRENCY PROGRAM

Special foreign currency program.....

1,997,000
3,500,000
3,500,000
+1,503,000

TITLE VI

REVOLVING AND MANAGEMENT FUNDS

Army Stock Fund.....
Navy Stock Fund.....
Marine Corps Stock Fund.....
Air Force Stock Fund.....
Defense Stock Fund.....
ADP Equipment Management fund.....

373,743,000
607,213,000
35,853,000
395,521,000
142,365,000
100,000,000
296,700,000
478,500,000
45,900,000
239,400,000
136,800,000
230,138,000
379,570,000
31,233,000
200,410,000
66,949,000
-143,605,000
-227,643,000
-4,620,000
-193,111,000
-73,416,000
-100,000,000
-66,562,000
-98,920,000
-18,667,000
-38,990,000
-69,851,000

Total, title VI, Revolving and Management Funds:
New budget (obligational) authority.....

1,654,695,000
1,197,300,000
908,300,000
-746,395,000
-289,000,000

TITLE VII 2/

CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE

Operation and maintenance.....
Procurement.....
Research, development, test, and evaluation.....

60,500,000
49,800,000
9,800,000
60,500,000
49,800,000
9,800,000
+60,500,000
+49,800,000
+9,800,000

Total, Chemical Agents and Munitions
Destruction, Defense.....

120,100,000
120,100,000
+120,100,000

**COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR FISCAL YEAR 1986
AND BUDGET ESTIMATES AND AMOUNTS RECOMMENDED IN THE BILL FOR FISCAL YEAR 1987—
Continued**

Agency and item	Bill compared with—				
	New budget (obligational) authority, fiscal year 1986	Budget estimates of new (obligational) authority, fiscal year 1987	New budget (obligational) authority recommended in bill	New budget (obligational) authority, fiscal year 1986	Budget estimates of new (obligational) authority, fiscal year 1987
TITLE VIII					
RELATED AGENCIES					
Intelligence Community Staff.....	21,001,000	22,938,000	21,538,000	+537,000	-1,400,000
Central Intelligence Agency Retirement and Disability System Fund.....	101,400,000	125,800,000	125,800,000	+24,400,000	---
Total, title VII, Related Agencies:					
New budget (obligational) authority.....	122,401,000	148,738,000	147,338,000	+24,937,000	-1,400,000
TITLE IX					
GENERAL PROVISIONS					
(Additional transfer authority, sec. 9015).....	(950,000,000)	(1,200,000,000)	(1,200,000,000)	(+250,000,000)	---
Total, Department of Defense (NOA).....	270,484,499,000	299,032,138,000	265,104,816,000	-5,379,683,000	-33,927,322,000
(Transfer from other accounts).....	(662,286,000)	---	(2,664,600,000)	(+2,002,314,000)	(+2,664,600,000)
Total funding available.....	271,146,785,000	299,032,138,000	267,769,416,000	-3,377,369,000	-31,262,722,000
(Transfer authority).....	(950,000,000)	(1,200,000,000)	(1,200,000,000)	(+250,000,000)	---

1/ Represents appropriations after Gramm-Rudman-Hollings reductions and includes amounts in "Urgent Supplemental Appropriations Act, 1986."

2/ Submitted in the budget request as a line item in Title III--Procurement.

